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SEP 8 1969

Lancaster Farming

VOL 14 NO 41 Lancaster Farming, Saturday, September 6, 1969 $2 00 Per Year

Holstein Youth Contest Now Being Conducted

The Pennsylvania Holstein Distinguished Junior Member Contest is now being conducted according to Nathan E. Stoltzfus, local Chairman. The contest, sponsored by the Pennsylvania Holstein Association is for any 4-H or FFA member who has been enrolled in dairy project work with Registered Holsteins and who is a Junior Member of the National Holstein Association.

Stoltzfus said the contest was formerly known as the Holstein Boy and Girl Contest and Junior members applied directly to the state organization for the honor. Now a local contest must be held and the winner presented to the state committee.

If you or a youth you know has successfully completed project work with Registered Holsteins and is a member of the Holstein-Fresian Association of America, you should contact Stoltzfus before September 15, for an entry blank.

(Continued on Page 9)

INSPECTING an excellent dark green stand of no-til planted corn is Robert Rohrer. The ears in the milk stage are large and well-developed and the stalks are tall and thick. L. F. Photo

A Cross-County Survey

No-Til Planted Corn Fields Show Excellent Promise

By Everett Newswanger
Lancaster Farming Editor

The newest thing in corn planting on Lancaster County farms for several years has been what everyone has come to call the "No-Til" method While older farmers shake their heads in disbelief at the thought of planting corn in sod or corn stalks without even plowing or disking, a few adventuresome fellows have tried it Most of them however, have been cautious, planting only a small percentage of their corn acreage by the new method

Now the time of corn harvest for silage and for grain is approaching What has happened in the corn fields where the new no-til plantings have been made?

"You have to remember it was a perfect year for it," says Robert Breighner, Lancaster R2 "But I feel the no-til planted corn is every bit as good as the field planted beside it in the conventional way"

Breighner had five acres planted the new way when he was unable to do his own farm work in the spring because of an accident He likes the speed with which the corn was planted "For fellows like me with no silo, you can get your hay off and corn planted quicker," he said

Bob planted his no-til corn in alfalfa stalks at a 23,000 plant-per-acre population two days after the hay was made He used 200 pounds of 6-12-12 fertilizer to the acre with the planter and applied 100 pounds of liquid nitrogen on top of the ground. Two and a half pounds of atrazine per acre took care of the sod and weeds very nicely.

Breighner did hear reports that sprouted corn from the previous year could be a problem in planting corn year after year He feels it might be best to plow the ground once in a while

Franklin Myers, Lancaster R6, has two years experience with the method now and went from a trial of 10 arces in 1968 to 30 acres this year And he reports last year's yields on the no-til corn at 140 to 150 bushels per acre — as good or better than the rest of his crop And his fields look just as good this year.

"One thing you have to accept in no-til planting is the fact that you get a field loss of seed planted," he said "You need to accept this as one of the expenses of the

(Continued on Page 6)

Statement Asks Change In Proposed Route 30 Bypass

A statement from the Board of Supervisors of the West Sadsburg Twp in Chester Co was read Wednesday night at the monthly meeting of the Lancaster County Soil and Water District Directors

Requesting an investigation by the Lancaster and Chester County Planning Commissions the statement asked for an evaluation of a more northerly route through the eastern Lancaster County portion and the Chester County portion of the proposed Route 30 bypass between Lancaster and the Coatesville bypass "This proposed alternate would not necessarily affect the western three-fourths of the Lancaster County portion," the statement said.

"The possible alternate would start from the eastern end of the Mine Ridge and connect with the western end of the Gap Ridge, either directly or by the shortest feasible circuitous manner that would be consistent with a tie in with Route 41, and also take in a minimum of Agricultural land in eastern Lancaster County"

Discussion at the meeting favored the statement and it is believed the highway department will make a further study

In other business the directors started work on a teacher's conservation workshop possibly next summer The workshop would emphasize not only how conservation works but why it is important to individual pupils

Also the directors asked the Lancaster Planning Commission to consider forwarding all plans to the District for review The District would look them over and make suggestions on placements of drains and conservation practices and return the plans to the commission. They offered to do this as a service rather than as a police force.

The following co-operators were approved: Franklin E Kurtz, East Cocalico, 42A; Harry H. Martin, East Earl, 63A; John G. Farrington, Elizabeth, 200A; Caleb Hershey, Penn, 31A

Jay Smoker

Jay Smoker Wins Kunzler Scholarship

Jay Smoker, son of Mr & Mrs Earl Smoker, Stevens R.1, was named winner of the $500 Kunzler & Co. scholarship for 1969 Jay a graduate of Ephrata High School and member of the Cloister FFA, is enrolled in the agriculture program at Pennsylvania State University

Smoker received his Keystone Degree at the 1969 State FFA Convention. He is past treasurer of his local chapter and was a delegate to the National FFA Convention in 1968 Jay has a farming program that includes registered holstein dairy animals, market hogs, & field corn He has won numerous awards with his dairy animals and market hogs at both local and state shows.

Jay was an honor student at Ephrata High School.

Farm Calendar

Sunday, Sept. 7

12 30 p m — Ephrata Young Farmer Picnic, Rheamstown Memorial Park

Monday, Sept. 8

7 30 p.m — Elm-Penryn 4-H Club meets, Penryn Fire Hall.

(Continued on Page 5)

Four New Ag Teachers In Co.

Four new Vocational Agriculture teachers greeted FFA Students across the County this week They are James Hilton, Pequea Valley; A K. Kissell, New Holland; August Birchler, Penn Manor; and James Kerr, Jr, Warwick

Hilton graduated from Oxford High School in 1965 and from Penn State in June A resident of Chester County, he raised pigs, beef and bees during his eight

(Continued on Page 10)

James Hilton

James Kerr, Jr.

August Birchler

A. K. Kissell

MARKET NEWS REPORT

At Lancaster Yards

Weekly Review
September 4, 1969

CATTLE 2500—Compared to last weeks close, Slaughter Steers steady to 50 lower, most decline on weights under 1000 lbs.; Cows steady, instances 25 lower on Utility; Bulls steady to 50 lower; Feeder Steers rather slow, not fully tested Supply included 50 percent Slaughter Steers, 25 percent Cows and Bulls, with the balance mainly Feeder Steers

SLAUGHTER STEERS — Choice with end of Prime 1050-1215 lbs 30 85-31 60, Choice 1000-1250 lbs 29 85-30 85 900-1000 lbs 29 35 30 25, high Good and low-Choice 28 60 30 10, Good 27 50-29 00 Standard and low-Good 25 75 27 75

SLAUGHTER HEIFERS — Mixed-Good and Choice 700-830 lbs 26 35 27 75

COWS—Utility and high-dressing Cutter 21 25-22 50, few 22 50-23 00 Cutter 20 00-22 00, Canner and low-Cutter 17 50-20.00

BULLS — Choice 28 25-29 50; Good 26.25-28 25, Utility and Commercial 26 00-28.75, few Cutter and low-Utility 24 50-26 00

CALVES 350—Vealers mostly steady, although Cull steady to 1.00 lower

VEALERS—Choice 45.00-48 00 few 48 50-49 50; Good 42 00-46 00; Standard 38 50-43 00; Utility 34 -

(Continued on Page 3)

Auction Only
September 3, 1969

CATTLE 979 — Compared to Tuesday, Slaughter Steers mostly steady, instances 25 lower on weights under 1000 lbs.; Cows steady, instances 25 lower on Utility; Bulls steady to 50 lower.

SLAUGHTER STEERS — Choice with end of Prime 1050-1150 lbs 30.85 31 60; Choice 1000-1250 lbs 29 85-30 85; 900-1000 lbs 29 35-30 25: high-Good and low-Choice 28 60-30 10; Good 27 50-29 00, Standard and low-Good 25 75-27 75.

SLAUGHTER HEIFERS — Good and Choice 700 830 lbs 26 - 35 27 75

COWS — Utility and high-dressing Cutter 21 25 22 35, few 22 60 23 00. Cutter 20 00-21 60, Canner and low-Cutter 17 50-20

BULLS — Choice 28 25-29 50, Good 26 25-28 25, Utility and Commercial 26.00-28 75, individual 30 35; few Cutter and low-Utility 24 50-26 00

CALVES 140 — Vealers steady, instances 1 00 higher on Cull

VEALERS — Choice 46 00-47 50, few 48 50-49 50; Good 43 - 00-46 00; Standard 38.50-43 00; Utility 34 50-40 50, Cull 90-120 lbs 29 00-34 00, 65-85 lbs 25 00-29 00.

(Continued on Page 3)

Vintage Auction
September 2, 1969

CATTLE 1056 — Compared to last Tuesday, Slaughter Steers 50-75 lower; Cows mostly steady; Bulls 50-75 lower Supply included 20 percent Cows

SLAUGHTER STEERS — High-Choice and Prime 1050-1325 lbs. 31 00-32 00; Choice 900-1350 lbs. 30 00-31 25; high-Good and low-Choice 28 75-30 10; Good 27 - 50 29 50; Standard and low-Good 26 00-28 50

SLAUGHTER HEIFERS — Choice 800-1000 lbs 28 00 28 85 Good 23 85-26 50

COWS—Utility and high-dressing Cutter 21.25-23 00, few 23 10 23 35, with a couple at 23 60 24 - 25, Cutter 20 00 21 85 Canner and low-Cutter 18 00 20 00

BULLS — Good 25 50 27 75 few Choice 28 10 Utility and Commercial 25 50 27 85 few 28 00-28 50

CALVES 709 — Vealers steady to weak, some sales Utility to Good 1 00 lower

VEALERS — Choice 46 00-50 00, Good 42 00-46 00, Standard 38 00-42 50, Utility 36 00-40 00 Cull 90-120 lbs 31 00 35 50, 65 85 lbs 25 00-30 00

HOGS 418—Barrows and Gilts 50-75 higher

BARROWS AND GILTS—US 1 2 195-235 lbs 28 00-28 10 US 2 3 195-245 lbs 27 10-27 85 US 3-4 210-250 lbs 26 60-27 10 US 2 180-190 lbs 26 25-26 75

SOWS — US 2-3 365-535 lbs 21 60-22 25

SHEEP 110 — Spring Lambs 1 00-2 00 lower

SPRING LAMBS — Choice 70-105 lbs 28 50-31 00, Good 60-100 lbs 25 00-29.00, Utility 20 00-24 5

New Holland Auction
September 4, 1969

CATTLE 894 — Compared to last Thursday, Slaughter Steers weak to 50 lower; Cows weak to 25 lower, with some sales Utility off 50c; Bulls steady to mostly 50 lower

SLAUGHTER STEERS — Choice 925-1225 lbs 29 60-31 10, high-Good and low Choice 28 50-29 75, Good 27 25-29 00 Standard and low-Good 25 75-27 75

COWS — Utility and high-dressing Cutter 21 35 23 25, few 23 50-24 25 Cutter 20 25-22 00 Canner and low Cutter 17 50 20 00

BULLS — Choice 27 50 28 25, few 28.85-29.25; Good 25.35-27.75; Utility and Commercial 25.50-28.35, couple 28.60-28.75.

FEEDER STEERS — Small lot Choice 595 lbs 33.50; mixed-good and Choice 760-885 lbs. 27.75-28.75; Standard 800-890 lbs. 23 35-24.10

CALVES 547 — Vealers steady to 1 00 lower, with Cull 2 00 3 00 lower.

VEALERS — Choice 46 00-48 50, few 49.50-50 50; Good 43.00-46 00 Standard 40 00-44 00; Utility 34 00-40 00; Cull 90-120 lbs 29 00-34 50, 65-85 lbs. 25 00-30 00

SHEEP 15 — No market test.

(Continued on Page 3)

FUTURES TRADING

(Closing bids as of Thursday, Sept 4 1969)

	Midwestern Live Cattle — Chicago	Live Hogs — Chicago	Maine Potatoes — New York
October	28.50	23.92-b	
November			2.20
December	27.95	23.00	
February '70	27.65	22.70-b	
March			2.55
April	27.45		2.75
May			3.25
June	27.30		
August	27.32		
October	27.17		

a-asked b-bid n-nominal

Trend Cattle are steady; Hogs and lower; and Potatoes are steady.

Chicago Cattle
Weekly Review

CATTLE — Compared last Friday slaughter steers 25 50 lower The most decline on High Choice and Prime Slaughter heifers mostly steady Cows steady to 50 higher Bulls steady to weak

Receipts 78 percent slaughter steers, 17 percent slaughter heifers with balance mostly cows Overall finish slaughter steers not much different than last week with 18 percent Prime and 70 percent Choice, compared with 17 percent Prime and 68 percent Choice last week and 16 percent Prime and 73 per cent Choice last year Average cost and weight slaughter steers estimated at 30 00 and 1150 lbs compared with 30 54 and 1146 lbs last week and 28 51 and 1174

(Continued on Page 3)

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Is it time for commodity traders to reconsider the possible opportunities in wheat and corn?
Or have both these golden grains lost whatever appeal they had before the recent and bearish "stocks-in-all-positions" report?
For a searching answer to these questions, and an interesting perspective on wheat-corn price relationships, we suggest you read the latest in-depth, special situation report from our Commodity Research Department.
Simply mail us the coupon below, or, if you prefer, contact our office.
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CLIP OUT AND SAVE
SPECIAL STOCKER & FEEDER SALES
LANCASTER UNION STOCK YARDS
– IN SALES PAVILION –
FRIDAY, SEPTEMBER 12, 1969 AT 1:00 P.M.
FALL SALE SCHEDULE
September 26 October 10
October 24 (Feeder Calf Sale) November 7, November 21.
All Sales, Friday Starting At 1 00 P M
VALUABLE DOOR PRIZES TO BE GIVEN AWAY AT EACH SALE
Sponsored by: The Lancaster Livestock Exchange and Union Stock Yard Co.

Weekly Poultry Report

Eastern Pennsylvania And New Jersey

Prices of light type hens held unchanged, although offerings from some sections increased A good demand readily absorbing available supplies despite a shortened work week following the holiday In instances processors receiving colored fowl from New England in effort to maintain full production with delivered in prices ranging 13-13½ per pound Prices paid at farm: Light Type Hens 8-11c mostly 10-11c in Pennsylvania, mostly 9½-10c in New Jersey. Heavy Type Hens. Tfewr.

Fogelsville

September 2, 1969

(Prices paid dock weights, cents per lb, except where noted)

HENS, heavy type 9½-16. PULLETS 24½-33. ROASTERS 17-34; RABBITS 15 36½; PIGEONS (per pair) 1 00-1 10

TOTAL COOPS SOLD 414

Delmarva

Ready to cook demand continues good for fillin especially where promotional activity involved In instances, less than trucklot prices continue to trend higher within the range Advance interest fairly good at this week's price levels Live supplies continue heavy and ample. Slaughter curtailed due to lack of labor in many plants as schools open today.

● Auction

(Continued from Page 2)

HOGS 313 — Barrows and Gilts mostly steady.

BARROWS AND GILTS — US 1 210-225 lbs 28 00 US 2-3 210-255 lbs 27 00-27 25 US 3-4 200-270 lbs 26 50-26 85 US 2 175-190 lbs 24 50-25 00.

SHEEP 5 — Insufficient volume for a market test.

● Lancaster

(Continued from Page 2)

00-40.00; Cull 90-120 lbs. 29 00-34 00; 65-85 lbs 25.00-29 00.

HOGS 1150 — Barrows and Gilts steady to 25 higher; Sows scarce.

CLOSING SALES. BARROWS AND GILTS—US 1 210-225 lbs. 28 00 US 2-3 210-255 lbs 27 00-27.25 US 3-4 200-270 lbs 26 50 26 85.

SHEEP 200 — Spring Lambs steady, instances 50 higher Ewes absent

SPRING LAMBS—Choice 60-90 lbs 28 00-29 50 couple lots 30 00, Good 25 00-28 00

● New Holland

(Continued from Page 2)

COWS

September 3, 1969

Receipts of 126 cows 4 bulls and 6 heifers sold stronger Holsteins 450 580 Guernseys 185 265. Other breeds 275 380, Bulls 290 440 Heifers 75 315.

HORSES

September 1, 1969

Receipts of 307 horses sold steady Riding horses 85-270; Driving horses 120 390; Ponies 10 25, Kilers 6-7.

HOGS

September 1, 1969

Receipts of 873 hogs sold 25 higher Retail 28-29 25; Wholesale 27-27 85; Heavyweights 25-75-27; Sows 20-22 75, Boars 18-10-18 75.

CALVES

September 1, 1969

Receipts of 123 calves sold steady Choice and Prime 44-47 50: Good and L Choice 41-43 50; Standard 35 40 50, Common 25-34 50

● Chicago

(Continued from Page 2)

lbs last year Heifer supply mostly High Good to Low Prime weighing 800-1025 lbs

SLAUGHTER STEERS — On Tuesday four loads Prime 1275-1325 lbs Yield Grade 3 and 4 32 00 Wednesday, Prime 1225-1375 lbs 30 75-31 50 High Choice and Prime 1125-1350 lbs 30 00-30 75 Choice 950-1350 lbs Yield Grade 2 to 4 28 75-30 25

Weekly New York Egg Mkt.

From Monday, September 1st to Friday, September 5th

	Mon.	Tues.	Wed.	Thurs.	Fri.
WHITE					
Fcy Ex Large		50	50½	52	52½
Fcy Large		46½	47	48½	49
Fcy Mediums		39½	39 39½	39 39½	39 39½
Fcy Pullets		29	29	29	29
Fcy Peewees		19	19	19	19
BROWN					
Fcy Large		52	52	52	52
Fcy Pullets		29	29	29	29
Fcy Peewees		19	19	19	19
Standards		43	43½	44½	45
Checks		27	27½	28½	29½

Trend. Demand good for all grades of eggs. Medium in ample supply, all other sizes clearing very closely.

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Mixed Good and Choice 28 00-28 75.

SLAUGHTER HEIFERS — On Wednesday half load Prime 1000 lb 29 00 High Choice and Prime 900-1025 lbs Yield Grade 3 and 4 28 25 28 50 Choice 800-1000 lb Yield Grade 2 to 4 27.00-28 25 Mixed Good and Choice 26 00-27 00

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YES — WE WILL HAVE CERTIFIED BLUE BOY WHEAT

ORDER YOUR FALL SEED GRAIN NOW

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- Cert. Pennrad Barley
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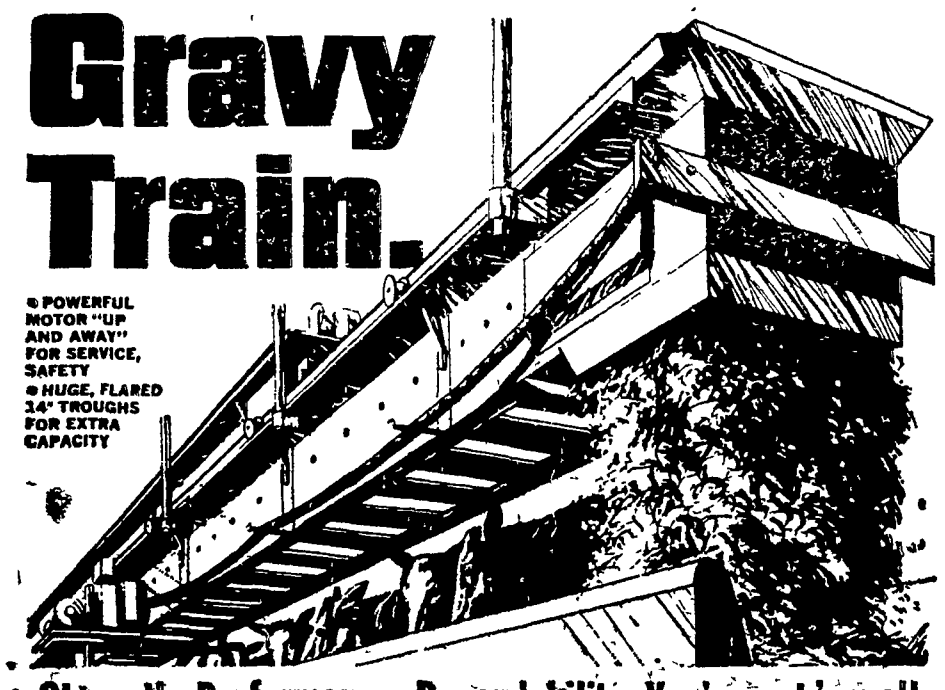
Smoketown **Ph. Lanc. 397-3539**

Gravy Train.



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Van Dale's SCF-1400 is the traveling feeder to put you on the track to faster, more profitable operations. Automatically, it delivers up to 40 tons of silage per hour to bunks on a single chain, continuous "shuttle" service.

Feeder trough chain is No. 67 pintle (12,500 lb. strength) and drive chain is C-550 steel (average top strength of 10,000 lbs.). Interlocking, snap-together galvanized metal components reduce erection time as much as 50%. Suspended or floor-mounted, rails are mounted with Van Dale's exclusive clip-on brackets to provide extra-rigid support. Unit adapts to any feeding need in-barn or out-of-doors.

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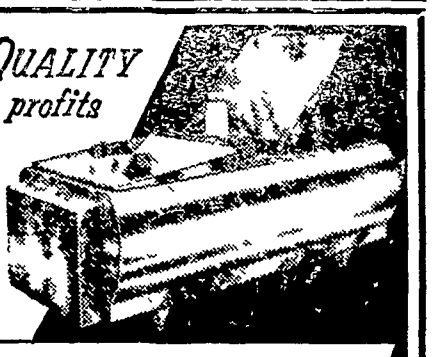

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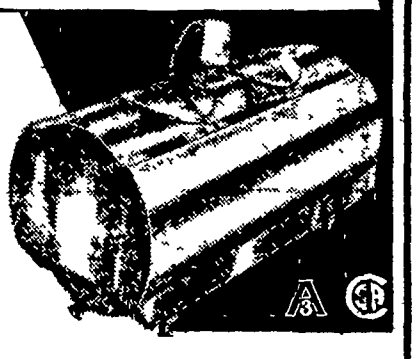

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From Where We Stand...

Successful Experiment

We live in the post moon-walk age Us older people have to make the adjustment in our thinking, because it is a fact, though we have heard of some people who still don't believe it

And some adjustment will need to be made in our thinking also if the no-til corn planting method continues to show up as good as it has for the farmers reporting in the feature story of this issue We would like to cling to the plowed and finely harrowed Lancaster County fields of the past It just seems to be more like the Garden Spot we are acclaimed to be.

But facts are facts And if a few more seasons produce the same results as was evident in no-til corn plantings this week, we will have to be classed with the people who don't believed in the moon landing if we don't accept the facts.

Every farmer we talked to is going to plant no-til again next year. They like the time saved. They like the reduction in soil loss They even like the savings in expenses and machinery wear and most of all they like the promising yields of the no-til fields.

True, as one farmer said, no-til is still an experiment But so was the moon walk. That doesn't say it wasn't done, or that it wasn't done successfully. The same can be said for no-til corn planting At least that's the way it looks from where we stand.

Music Reduces Dark Cutters

Just when you think you have heard of everything — something else comes along. And in this day of changes in the beef industry (longer, taller cattle instead of the short stocky ones that won the shows 10 years ago) you are trained to listen to them all.

According to research at Kansas State University the sounds a steer hears before slaughter affects the meat produced. They found that loud noises prior to slaughter caused "dark cutters" in beef. Meat labeled a dark cutter has an abnormal dark color after slaughter and is normally avoided by the consumer and for this reason meat packers and retailers want to avoid this condition.

We know of carcass contests where carcasses which would have made it into the championship circles were labeled dark cutters. What do you do? Would you believe playing soothing music before slaughter?

It was found at the Cudahy Company packing plant in Wichita, Kansas, that when the soft music usually played for its workers was not on they had an increase in the number of dark cutters produced.

From this a study was conducted at Kansas State with two groups of cattle being handled the same except one group was handled as usual and the other group was subjected to recordings of traffic, airplanes, and heavy equipment before slaughter. The results showed the latter animals produced darker meat than the control group. Dr Allen of Kansas State University says that if music affects cattle, it may affect sheep and hogs.

For a long time many showmen of beef herds have used radios in their show barn and then took it on the show circuit for their contented cows. It would appear from these limited tests that sounds and noises do place more stress on cattle than we thought and perhaps — showmen should be more selective with their music this show season. It just might eliminate most of the current popular songs.

At least that's the way it looks from where we stand.

A Loser's Game

In the American experience, inflation has always been associated with booming business and general good times. Those who warned that continued deficit spending and debt accumulation by government, without regard to the taxpaying ability of the people, would lead to disaster were labeled reactionaries by new-style liberals who believed that government spending could open the door to attainment of the highest human aspirations.

Now we are beginning to learn what other nations have learned throughout history — that beyond a certain point the progress of inflation is accompanied by hardship rather than good times. Economists are beginning to speak of the possibility of a recession and inflation at the same time. Time magazine summarized a lengthy list of spectacular wage settlements — settlements that range as high as a 49 per cent increase in 13 months for construction workers in one Ohio city. But far from bringing good times to workers, these dramatic wage increases are becoming increasingly illusory.

Wages are outrunning output. Says Time: "During the last three years . . . the purchasing power of the average U.S. worker has done no better than hold steady." One union official, conscious of the trend, concedes: "Every time we get a raise, the prices increase and the hospitals go up as well. Somebody should stand still. If the others stopped, I think our men would be happy to stop too." The question is, are we ready to stop following the doctrine of false liberalism that has set the stage for a "recession" with inflation.

Farm News This Week

Jay Smoker Wins Kunzler Scholarship — Page 1

No-Til Planted Corn Fields Show Excellent Promise — Page 1

Mrs. Brubaker Has Exhibited Produce For Thirty-Five Years — Page 20

LANCASTER FARMING

Lancaster County's Own Farm Weekly

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Member of Newspaper Farm Editors Assn

Across The Fence Row

Nothing, no, Nothing, causes-more accidents than the Other Fellow.

* * *

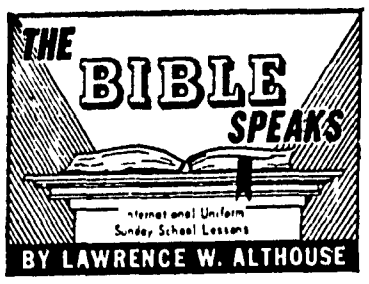
Another example of a hazardous life is that of a long - tailed cat in a house full of rocking chairs.

Local Weather Forecast

(From the U. S. Weather Bureau at the Harrisburg State Airport)

The five-day forecast for the period Saturday through next Wednesday calls for temperatures to average above normal with daytime highs in the 80's and over-night lows in the upper 60's. Seasonable temperatures are expected Saturday with a warming trend toward Sunday through the end of the period Normal high-low for the period is 80-59.

Precipitation may total up to one-half inch as rain Saturday and scattered showers and thunder showers toward the end of the period



THE GREAT LIE

Lesson for September 7, 1969

Background Scripture: 1 Samuel 8 through 12, 15; 16:1-13; 28:3-11; 17.
Devotional Reading: Deuteronomy 17:14-17.

In a few short months the American people will go once again to the polls. In the interval between now and then the game of politics will command a lion's share of our national attention and energy. In the midst of all the color, noise and high spirits that have become so much a part of the American political scene, we are particularly vulnerable to a most dangerous deception. This deception goes far beyond what the various candidates will say about themselves, each other, the issues, or the parties.

Rev. Althouse

"Thus says the Lord..."

In Romans 1:25, Paul says: "because they exchanged the truth about God for a lie and served the creature rather than the Creator . . ." In other words, Paul is saying, we often deceive ourselves and thus give to men the sovereignty and allegiance that belongs to God alone. We look to human beings with divine expectations and are thus doomed to disappointment in our political life.

Paul was not the first Biblical writer to sound this warning. We find this same concern in 1 Samuel. You will remember that when the Israelites entered the land of Canaan under Joshua, they then dispersed throughout the land, each tribe settling in its own designated territory. During the period of the Judges, other Israelites formed a loose confederacy of independent tribes. When the tribes were threatened with grave danger from time to time, they would co-operate briefly under the leadership of men like Gideon.

From these experiences of co-operation came a growing desire for a more permanent unity in the form of a centralized government. They wanted to abandon the confederacy and replace it with a monarchy. They had seen the kingdoms of their neighbors and witnessed all that could be accomplished with a strong central government. So they clamored for a king.

To fight our battles

Samuel, their spiritual leader, vigorously opposed this request. Yet, when he had had his say, "the people refused to listen to the voice of Samuel; and they said, 'No! but we will have a king over us that we also will be like all the nations, and that our king may govern us and fight our battles.'" Still Samuel resisted until at last the Lord intervened and told him: "Hearken to their voice and make them a king."

Now this story does not mean that the whole Old Testament is pessimistic about the establishment of a monarchy, but it does indicate that throughout the Old Testament there is a recurring uneasiness about it. Not that government in itself was evil; it was what men did with their governmental institutions. Among all the ancient peoples, therefore, the Hebrews were among the first to regard the monarchy, not as a divine institution handed down from heaven, but as one quite human. Though they realized the need for these human institutions, they also fully recognized the tendency of these institutions to become a substitute for God.

History's confirmation

How often history has confirmed the judgment of both Paul and Samuel. Not only has there been a willingness on the part of man to assume the role of political messiah, but there has also been an even greater willingness on the part of the great masses of people to accord to them an almost superhuman or divine nature.

Samuel warned the people about this great self-deception and then helped them to choose a king. This is instructive for us, too: let us ask his aid in choosing our leaders, but when we have cast out ballots, let us not fail to continue to serve God in the responsibilities of our own Christian citizenship.

(Based on outlines copyrighted by the Division of Christian Education, National Council of the Churches of Christ in the U. S. A. Released by Community Press Service)

Attend The Church Of Your Choice Sunday

Read Lancaster Farming
For Full Market Reports

NOW IS THE TIME...

By Max Smith
Lancaster County Agent

To Beware of Silo Gas

I'd like to repeat this warning as we go into the silo filling season. With larger silos and with more liberal use of commercial fertilizers, we seem to have more dangerous accumulations of silo gas. Most of these gases are odorless, heavier than air, and some are colorless; however, one of the most common is nitrogen dioxide which is yellow Farmers are urged to beware of these gas conditions at silo filling time and for 10 days afterwards

To Seed Certified Grains

Small grains will be seeded in the next month and growers are urged to use the best seed available; in most cases this means certified seed; the other inputs into a grain crop will be the same such as labor, fertilizer, and overhead; therefore, the greatest returns have the best chances with certified seeds. Don't plant the unknown; it may be very costly.

To Save Nitrogen on Barley

On many farms the problem of lodging with winter barley reduces the grain crop. In most cases this is due to high fertility and too much nitrogen; growers are urged to use only phosphorus-potash fertilizers on barley this fall and do not top-dress with any kind of manure.

● Farm Calendar

(Continued from Page 1)

8:00 p m. — Ayrshire, Jersey, Brown Swiss 4-H Club meets, Milton Brubaker Farm, Lititz R1.

Tuesday, Sept. 9

9.00 a.m. — Vegetable Crop Field Day, Research Farm, Penn State

7:30 p m. —Elizabethtown-Donegal 4-H Community Club meets, Hossler's Home, Elizabethtown R3

Thursday, Sept. 11

7 30 p m — Lititz-Manheim 4-H Community Club meets Dale Shenk Home, Lititz R3

The person who coined the phrase "giving the bride away" never, obviously, paid for a daughter's wedding

Eggs With Chives

The Poultry and Egg National Board is recommending that egg distributors who sell their product to restaurants and other institutional establishments help such customers increase their sales volume by merchandising the product to the public

One such merchandising plan is offered by the producer of freeze-dried chopped chives. Armanino Farms of San Francisco Calif The plan is called "Eggs Parisienne" and its execution by the restaurant is easy and profitable to the management The basic recipe is simplicity itself: Just add ½ teaspoon of freeze dried chopped chives to eggs, then scramble or prepare omelet as usual

The resulting profit picture is that freeze dried chopped chives add about 1/2c per serving to the regular cost of eggs and butter, but when Eggs Parisienne are placed on the menu the egg dish can be marked up 5c or 10c or more

To complete the plan, Armanino Farms provide a complete merchandising kit to help the restaurant operator sell Eggs Parisienne It consists of a table tent in the shape of a French kiosk, menu clipons and buttons with ribbons for the waitress to pin on her uniform All of these extoll the virtue of "Eggs Parisienne."

Other recipes for eggs with chives include scrambled eggs with country ham flakes and chives; fresh mushroom omelet with chives, and shirred eggs with chives. Food costs on such dishes range from 31 to 34 cents, but the menu prices can range from $1 20 to 1 40 per order

For additional information on the Eggs Parisienne merchandising plan, contact Armanino Farms, 244 California Avenue, San Francisco Calif 94111

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● No-Til

(Continued from Page 1)

method and plant extra seed accordingly."

Myers has planted corn in corn stalks and the stand is good — about 28,000 plants per acre for the silo. He feels a light disking in the spring to mix the weed killer would be good. But he is still pondering the idea of a sharp disking of the stalks in the fall. He would rather like to do this but says this may open the field to erosion and defeat one of the purposes of no-til planting.

Though Myers plans to plant about half of his 90 acres with the new method next year, he still thinks it is an experiment and should be treated that way. "Your conditions with no-til are definitely different and we need to cautiously experiment with it under several seasonal weather patterns," he said. "We don't want a total crop failure."

Robert Rohrer, Washington Boro R1, says, "I hope it's the coming thing. Our ground here is rolling and we can't plow the whole farm."

But Rohrer still is not ready to completely throw away his plow. With over 400 head of dairy and beef animals on his 160 acres of farming ground, he thinks he would not get the full benefit from the manure if he never plowed it down. The idea he thinks may work on his farm is to plant barley on the whole farm this fall. Then in the Spring, he can do any of three things — plow it down: save it for grain or cut the green barley for his huge silos and no-til corn in the stubbles. The later is what he thinks he will most likely do, fertilizing the barley crop to take care of the corn crop needs also.

NICE EARS on corn planted by the new no-til method are shown by Robert Breighner. His field of no-til corn looks as good or better than a field beside it planted by conventional methods.

L. F. Photo

This is the first year Rohrer tried it, but he likes getting the corn planted in May so that it has a full season to mature. His no-til corn looks as good as fields planted at the same time in a conventional manner.

At New Holland, John C. Campbell reported, "I'm sure we saved several acres of corn from the flooding this year because of the no-til practice. With all the rain we had, there would have been six to eight inch gullies in the field under normal planting. But there is no sign of washing. The corn was planted in alfalfa and wheat stubbles.

Campbell also thinks no-til methods will have advantages in dry weather where the soil would not be turned to dry out. "But you would have to get the seeds in the ground deep enough," he said.

John is going to do more no-til

(Continued on Page 7)

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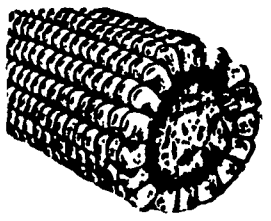

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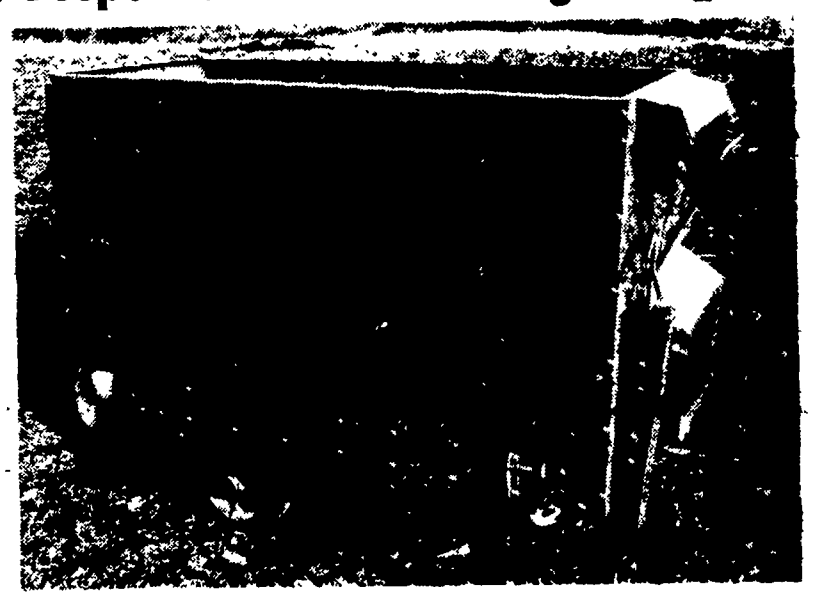

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FRANKLIN MYERS shows some nearly mature ears on no-til planted corn. This field had been in corn in 1968. L. F. Photo

● No-Til

(Continued from Page 6)

planting next year because of the saving in time required to get the corn in the ground and the saving in cost to do so He figures they saved at least $8 00 per acre with the eliminated plowing and disking.

"It looks promising," says Paul S Zimmerman, Lititz R4, about his no-til planted corn "Earlier, I thought it might not do as well, but it grew out of it and now I don't see much difference I usually let others try new things first," he chuckled "But this is one thing I thought might work in our area"

Zimmerman is planning again to use the new method next year but may do some things differently First, he thinks he may disk the ground first to get the fertilizer in the ground better and maybe make the weed killer more effective He also likes the idea of running a chisel through the middle of each row to let the rains soak in better

Basically though Paul likes the new idea because it saves on machinery ware and it saves time in his busy work month of May

Elvin M Hursh, Lititz R4 had a problem getting the planter in the ground as did some other farmers according to the reports. In Hursh's case some of the seeds appeared to be not much under ground level But it came up very good — almost unbelievably good.

"I didn't know much about it," Elvin said I thought I would see how it worked and fortunately it worked out for the best"

Hursh killed off the alfalfa and the rains came the day after the corn was planted to bring the crop up quickly He wants to get the seeds deeper next year but for this crop he expects yields to be as great as his other corn even though he planted a short season variety.

So, reports from different farmers in different parts of the County all seem to favor the new no-til corn planting method. Almost everyone reports changes he will make to better use the method in his situation But the sum of all the reports seems to be as one farmer said "I think we are going to do more of it next year."

Pennsylvania's lamb crop this year is estimated at 126 000 This will be a decline of 6 percent from last year and is comparable to the national downward rate for 1969, according to a mid-year livestock survey by the State Crop Reporting Service

The survey indicated an increase in the Commonwealth's wool production from 1968 by 3 percent to 1,201,000 pounds, The number of sheep shorn was down 2 000 head from the year before to 156,000, but fleece weight at 7 7 pounds was up 3 pounds

Pennsylvania s 1969 calf crop is estimated at 797,000, down 2 000 from last year and 20,000 below 1967

Last year, 12 million cigarettes were rolled by hand in an effort to beat the price rises At least twice that number were mooched in an even more successful effort to cut costs.

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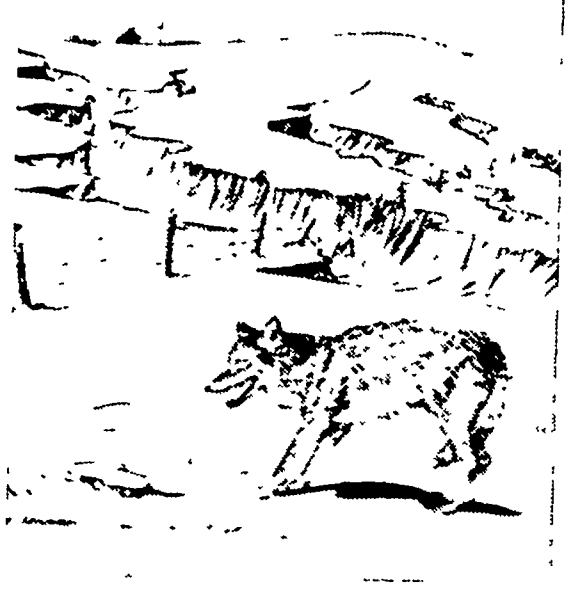
Conservation Corner



"Man poisons me but lets erosion run wild!"

Use Proper Lawn Seed

It is important to use the proper seed if homeowners wish to establish good lawns, reminds John C Harper, II, extension agronomist at The Pennsylvania State University If there is any doubt about the kinds of seeds which should be used in varying situations, contact your county agent for suggestions on desirable seed or seed mixtures Lawns must be carefully planned if they are to be attractive.

Use Credit Profitably

Credit is not just for those who get in financial difficulty and find it necessary to borrow. A high percentage of business enterprises use credit as a means of conducting a profitable operation Since the trend toward larger farm units involves a larger investment in land livestock and equipment, many farmers are finding it profitable to use credit

Unwise use of credit can be dangerous to both borrower and lender But sound credit, which can be repaid from the operations of the business without involving too great a risk, has helped many farmers to get ahead

Since there is a relatively narrow profit margin in most types of agriculture, good farmers plan their operations carefully, maintain records, and watch expenses closely When they borrow, they see that the cost is not too great and that the funds are put to profitable use. — Farm Credit Service.

Promoted Preservation

Edward Everett, clergyman, statesman and one of the great US orators, raised $70,000 by lecturing on the character of George Washington, which sum went for the purchase and preservation of Mount Vernon as a national shrine.

Milk Pricing Altered In Delaware Valley

The U S Department of Agriculture announced an order amending the order regulating the handling of milk in the Delaware Valley Marketing Area

This order by the U S Department of Agriculture modified the Class I Price to provide that such farm price for the month shall be $7 17 (15 4 cents per quart), plus any amount by which the average price of manufactured milk in plants in Wisconsin and Minnesota exceeds $4 33 per hundredweight.

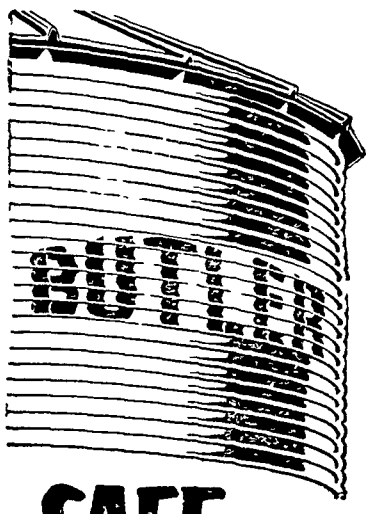
The amended order would delete all of the language of the old Class I Pricing Formula of the order

The amended order would also provide monthly producer and handler butterfat differentials based on the average daily wholesale selling price of butter in the New Work City market.

The amended order is a result of a public hearing held in New York City, New York, on June 16 and 17, 1969 The hearing was requested by the New York-New England Milk Coordinating Committee and supported by Pennmarva Milk Producers Federation. Pennmarva includes the 3100 members of Inter-State Milk Producers Cooperative among its over 5 000 dairy farmer members

Friendly

The Pawnee Indians never fought against the United States. Many Pawnees, in fact, acted as scouts for the country in its battles with other Indians



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● Holstein

(Continued from Page 1)

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All inquiries should be made to Nathan E Stoltzfus RD 2, Box 364 Gap, Pa 17527

Mushroom production in Pennsylvania totaled 121 million pounds during the period July 1, 1968 to June 30, 1969. This was 64 percent of the nation's entire production and had a value of $42,474,000, making it the leading cash crop in the state.

About 73 percent of the total production was sold to processors, and the remaining 27 per cent went for fresh market, according to a survey by the Pennsylvania Crop Reporting Service

PENNSYLVANIA FARM PRICE LEVEL UNCHANGED

August Prices Received by Pennsylvania Farmers was unchanged from July Higher prices for milk and hogs were offset by lower prices for eggs broilers, slaughter cattle and most grains

Price Changes of Selected Commodities

	Aug. 15 Av. Price	From Month Earlier	From Year Earlier
Milk per cwt	$ 6 10	$ 0 25	$ 0 15
Eggs per doz	35	— 05	— 02
Broilers, per lb	17	— 01	+ 01
Steers heifers per cwt	29 00	— 60	3 50
Hogs per cwt	25 50	30	- 5 50
Corn per bu	1 40	00	— 26
Wheat per bu	1 22	— 03	— 12
Oats per bu	67	— 07	+ 02

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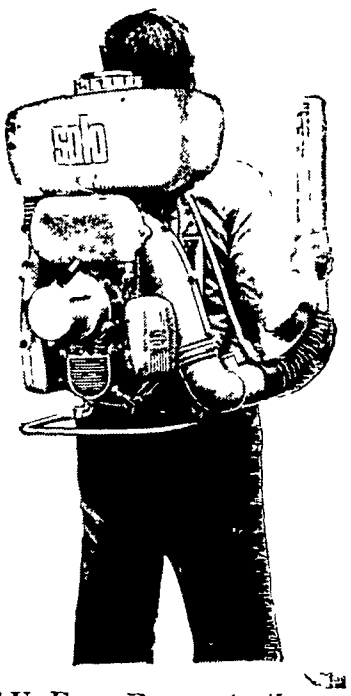

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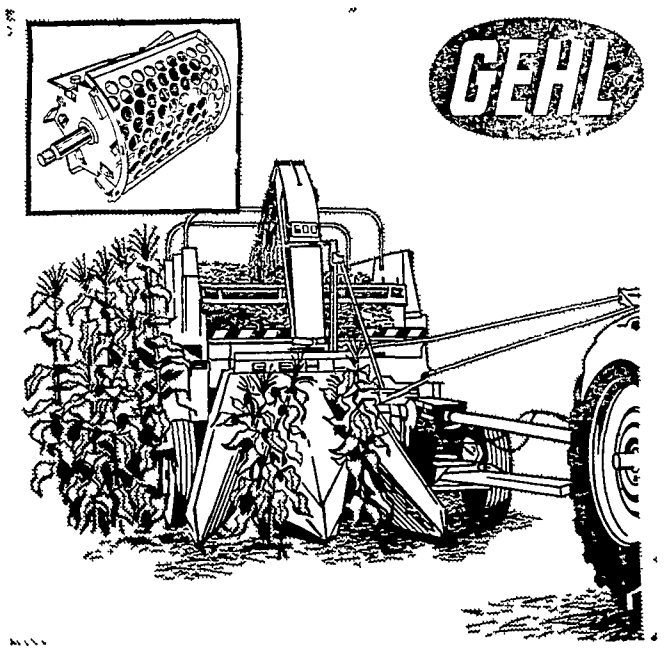

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Manheim

● FFA Teachers

(Continued from Page 1)

years in 4-H club work and five years in FFA. In his senior year in high school he became a Keystone Farmer and placed second in livestock judging at Kansas City. He is a member of the Alpha Tau Alpha at Penn State and likes to collect coins and has a few horses and pigs on his home place of 11 acres.

Kissell is a native of Ohio and graduated from Lynnwood Jacksonton High School in 1958. He farmed for three years and then got his B.S. degree at Ohio State majoring in Ag Engineering and Ag Education. He will finish his Masters at Penn State this year.

A member of 4-H for 11 years, Kissell went to the National 4-H Club Congress in 1959 and in 1965 went as an IFYE student to Switzerland. He has taught Vo-Ag four years in Ohio and lists travel, aviation and automobiles as his hobbies.

Birchler graduated from Penn State in June and is known in the County for his student teaching activities at Garden Spot High School. He was raised on a livestock farm in Montgomery County and graduated from high school there. He served in the Navy in such places as Europe, East Africa and South America.

Kerr graduated from Delaware Valley College in 1967 and taught Vo-Ag at Parkland High School in Lehigh County for two years. He also has degrees from Temple University and Penn State. Wrestling is his hobby having taught it and was a member of the team for four years. He also sang in the Glee Club.

Abraham Lincoln High School in Philadelphia is where he graduated.

Timothy seed production in Pennsylvania is expected to total 805,000 pounds this year, down 27 percent from last year but one-third greater than the 1963-67 average, according to the State Crop Reporting Service.

The Commonwealth ranked fifth in the nation in production of the crop in 1968 with an output of 1,100,000 pounds.

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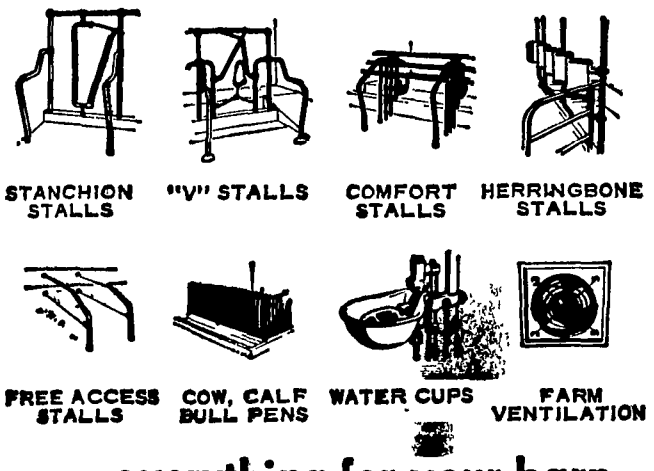

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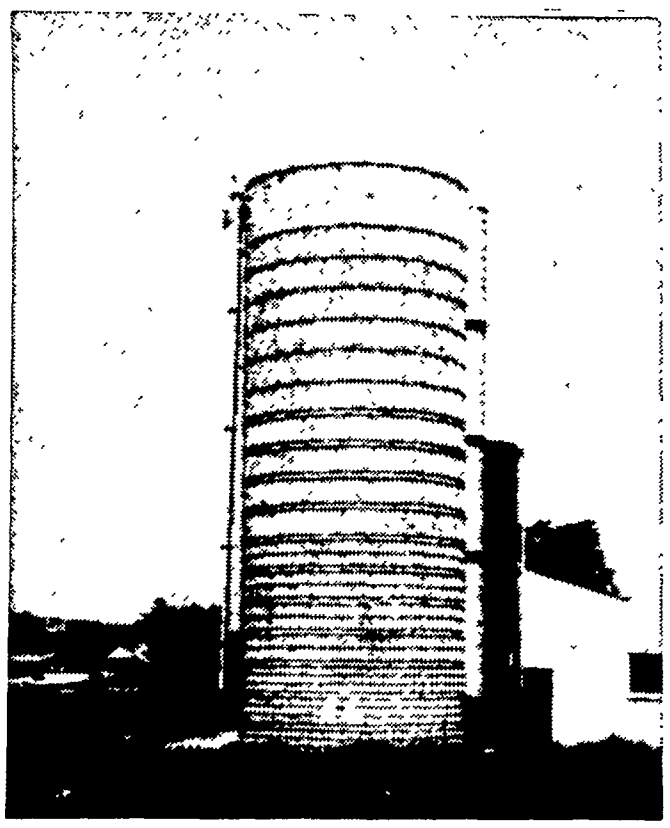

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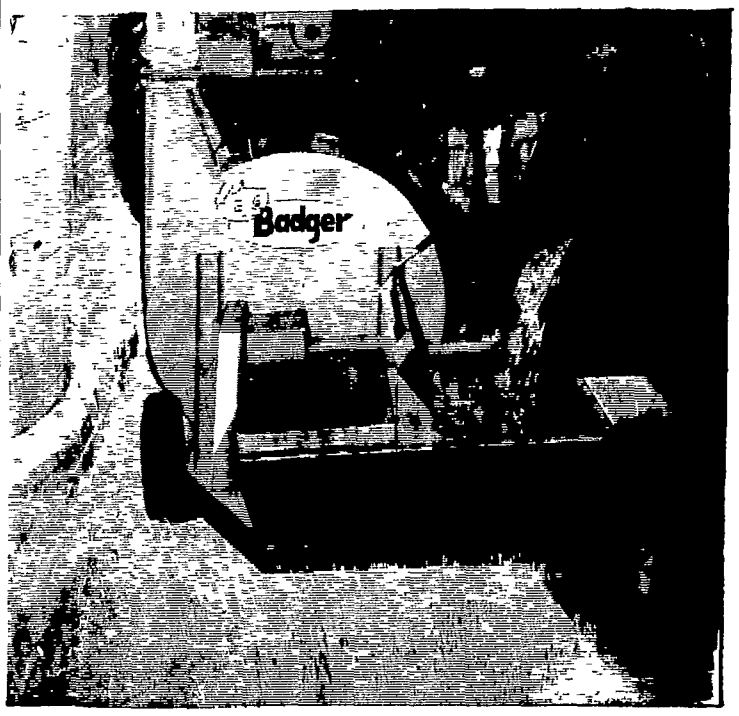

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Badger *makes things move*

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Isaac W. Hurst Blue Ball

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with Ful-O-Pep Sow Ration Cubes

FUL-O-PEP SOW RATION CUBES are a complete feed designed for the brood sow.

GUARANTEED ANALYSIS

Crude Protein, Not Less Than	15.00%
Crude Fat, Not Less Than	2.50%
Crude Fiber, Not More Than	8.00%

FEEDING DIRECTIONS

1. Feed 7 to 8 pounds of Ful-O-Pep Sow Ration Cubes per head daily during the flushing period from 10 days prior to breeding, through breeding.
2. From breeding until 5 days prior to farrowing, feed each animal 5 to 7 pounds daily in drylot or 3 to 5 pounds daily on good green pasture. Regulate the amount according to condition of the animal. The higher level should be used during the last month of gestation.
3. For 5 days prior to farrowing, to 5 days after farrowing, feed 4 to 5 pounds daily per animal. Feed 3 pounds per head the day after farrowing and increase feed at the rate of 1 pound per day until the sow is eating 10 to 12 pounds daily.
4. Feed 10 to 12 pounds daily per head to sows nursing average size litters of 7 to 8 pigs. Sows nuring 8 or more pigs should get 12-14 pounds or many be self fed.

Stevens Feed Mill, Inc. Leola

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Facts Relating To The Farmer And The Consumer

The U.S. farmer is producing over 20 percent more products on 6 percent fewer acres than in 1957-59

— Output per man-hour on the farm increased 82 percent between 1957-59 and 1968

— In 1967, one U.S. farmworker supplied the food and fiber needs of 43 persons, compared with 23 in 1957-59.

Gross income of U.S. farmers is currently about $51 billion. Their realized net farm income is about $15 billion. Prices farmers pay for goods and services used in production have risen.

— The index of prices farmers pay for commodities, interest, taxes, and wage rates increased 28 percent from 1957-59 to mid-1969. This compares with a rise of 17 percent in the overall consumer price index and a 24 percent increase in retail prices of food.

— Changes from 1957-59 in the second quarter of 1969 in prices of important items of farmers' production expenses included: Feed — up 3 percent; Fertilizer — down 6 per cent: Hired wage rates — up 77 percent; Motor vehicles — up 33 percent; Taxes — up 106 percent.

Agriculture is a big employer and purchaser of goods, services, equipment. Out of every dollar of realized gross farm income in 1968, about 71 cents went for production expenses.

— In 1968, farm production expenses totaled nearly $36 billion compared with $35 billion in 1967 and $25 billion in 1957-59. Important items of expense in 1967 included:

	1957-59	1967
Feed purchases	$4.4 billion	$6.5 billion
Property taxes	1.3 billion	2.2 billion
Interest paid	1.1 billion	2.8 billion
Fertilizer	1.1 billion	2.0 billion
Hired labor	2.8 billion	2.9 billion
Depreciation on motor vehicles and equipment	2.9 billion	4.1 billion

Marketing the food and fiber produced by farmers provides many nonfarm jobs.

— About 5 million workers assemble, process and distribute farm-food products.

— Workers range from laborers to professional people and executives — milk truck drivers, processors, plant workers, warehousemen, supermarket checkers, restaurant waitresses, engineers, scientists, accounts, and many others.

— In 1967, $25 billion paycheckers and fringe benefits went to these workers — about $8 billion more than in 1957-59 and $13 billion more than in 1950.

The Farmers' Contribution: An abundance of quality food at reasonable cost. Farmers have responded to consumer demand with a 5.2 percent per capita increase in production of preferred foods since 1957-59.

— Among the livestock products, poultry and beef show large gains.

— Vegetable oils, potatoes, processed fruits and vegetables made the largest gains among crops.

Food prices at retail, like prices of goods and services generally, have increased. Between 1957-59 and May 1969, prices of food purchased for use at home increased 20 percent. During the same period consumers paid 43 percent more for services, 24 percent more for transportation, 54 percent more for medical care, and 18 percent more for commodities other than food

Food prices have risen only two-thirds as much as all other consumer goods in the past 10 years. The retail cost of a market basket of farm foods in the first quarter of 1969 was 16 percent above the 1957-59 average, but the overall consumer price index was up 25 percent.

— The farmer's share of the consumer's dollar varies widely among products.

Out of each dollar spent for the product, the farmer gets:

	First Quarter 1969 Cents	1957-59 Cents
Beef, Choice grade	61	62
Butter	72	72
Eggs, Grade A large	65	64
Corn flakes	8	10
Bread, white	14	16
Apples	39	29
Potatoes	31	31
Canned corn	12	13
Canned peaches	17	18

Increasing productivity of food marketing workers helps keep food costs down.

— Despite the large increases in volume of food and services, the number of food marketing workers has not risen significantly in the last 10 years.

— Hourly earnings of food marketing employees went up from $1.82 in 1957-59 to $2.67 in 1968, an increase of 47 percent However, increased productivity kept the rise in labor costs per unit of product marketed to about 27 percent.

Consumer income has risen faster than food expenditures — allowing more money for other purchases. Between 1957-59 and the first half of 1968, on a per person basis:

— Income was up $1,160; 63 percent.

— Food expenditures were up $140; 37 percent.

— Income less food expenditures was up $929; 71 percent.

Consumers' food expenditures and farmers' returns from food products take declining shares of consumer income.

— Both the share of consumer income spent for food and farmers' returns from food products are much smaller than in the immediate post-World War II period.

Cost of $100 in goods and services rose $5.90 last year. Between June 1968 and May 1969, the cost of $100 "basket" of all goods and services bought by consumers rose by an average of $5.90. Food $1.03; Housing $2.35; Apparel and upkeep $.73; Transportation $.58; Helth and recreation $1.21 — $5.90 total.

Higher marketing costs were also part of the increase in food expenditures. In 1968, consumers spent $89.5 billion for food products that originated on U.S. farms. Of this total, farmers got $28.9 billion; $60.6 billion went for marketing services.

— Of the $28.7 billion increase in farm food expenditures since 1957-59, $8 billion — 28 percent — went to farmers.

— Of the $46.1 billion rise since 1947-49, $10 billion — about 22 percent — went to the farmers.

When the consumer spends a dollar on food at the grocery store, he is buying 40 cents worth of products and 60 cents worth of marketing service. Farmers received an average of 40 cents of each dollar consumers spend at retail for U.S. farm product food in January-March 1969, nearly the same as in 1957-59, but 10 cents less than in 1947-49. The farmer's share depends both on the prices he receives for his products and the costs of marketing them. The more marketing services, the greater the cost. The farmer's share of the consumer's dollar is smaller for a highly serviced product such as bread (14 cents) than for an unprocessed product such as eggs (65 cents).

	As Percentage of Disposable Income Total Consumer Expenditures for food	Farm Value of U.S. farm food
1968	17.2 percent	4.9 percent
1967	17.4 percent	5.0 percent

(Continued on Page 12)

Milk Fever In Cows May Be Eliminated

The elimination of milk fever in cows—a major problem in dairy farming—will be a practical possibility in the near future, according to a Brigham Young University professor.

Dr Robert W. Gardner, professor of animal science at BYU, has been experimenting to determine the exact amount of calcium-phosphorus needed in cattle feed to prevent milk fever.

Cows become paralyzed with milk fever just after giving birth to their calves. It is caused by a deficiency of calcium in the blood. An immediate injection of calcium often relieves the situation.

Cows have a 305-day lactation —or milking—period each year and a 60-day dry period immediately preceding calving. Dr. Gardner's tests showed that a 2.3:1 ratio of calcium-phosphorus in the total diet during the dry period will prevent milk fever. Both a narrower and wider ratio may pre-dispose the cow to milk fever.

"If given free access to palatable phorphorus supplement, the cows have a partial ability to balance their mineral intake," said Dr. Gardner "They particularly relish a combination of 60 per cent monocalcium and 40 per cent dicalcium phosphate mix."

During his experiment, Dr. Gardner also investigated the energy requirement of cows during the dry period. One group of cows was fed only 15 per cent above their actual maintenance requirements before calving, while another group was fed 70 per cent more, as is currently recommended in feeding standards. He found there was no difference in milk production during the ensuing lactation. Both groups were fed 27 pounds of grain per day during lactation.

Dr. Gardner said feeding less during the dry period could mean a saving of $1,000 in feed for a 200 cow herd over a one-year period.

DID YOU KNOW — Trees have two layers of bark — the inner bark which carries food made in the leaves downward to cambium and storage cells, and the outer bark or inactive cells which provide protection for the inner bark

John Deere
237 Corn Picker
raises the speed limit in high-yield corn

Shift up! Pick at speeds up to 5 mph, even when yields run well over 100 bushels. Long, tapered gatherers and high inside shield, funnel stalks right in. Even tangled stalks seldom escape three roller-type gathering chains. There's new gathering and snapping speed. And the 237's spiral snapping rolls cut shelling loss in half.

Faster elevators with higher flights move corn up fast. Trash goes too, aided by new rotating trash paddles. New husking rolls — cast-iron spirals against serrated rubber — peel husks, pull trash through. You pick clean. See the new 237 soon. Ask about the Credit Plan.

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Elm 665-2141

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West Chester 696-2990

Landis Bros. Inc.
Lancaster 393-3906

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With each 100 lbs.
BE-CO-NURSE or
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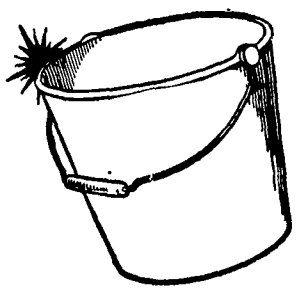

From now until October 18th we are giving one 12 qt. heavy duty plastic bucket with each 100 lbs. of Be-Co-Nurse Calf Milk Replacer or Be-Co-Vealer. These products go into suspension easily, stay in solution. Clean pails show the calves get all the nutrients. Gains are rapid and efficient.

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Sale Register

EVERY FRIDAY—Stockers and Feeders—Shenandoah Valley Va Cattle Staunton Union Stock Yards, Inc Staunton, Va

SAT. SEPT 6—11 A M Public Auction of Farm and Aspaiagus Equipment by Sunny Side Farm, Julian Cochran, mgr Sassfras-Massey Road, Galt, Md

MON EVE SEPT 8—2 p m Horse and Pony Sale Martin's Sales Stables, Blue Ball, Pa Terms by Gene Shirk and Larry Martin

TUES SEPT 9—7 P.M. 1st Hereford Steer Sale by Abingdon Livestock Market, Inc., Abingdon, Va

TUES SEPT 9—1 00 P M Feeder Pig Sale, watch for sale sign at the Reifsnyder Rd along the Brubaker Valley Rd leading from Rt 322 at Clay to Rt 501 Terms by Melvin M Martin

THURS SEPT. 11—8 00 P M Public Night Sale of Valuable Livestock located 5 miles north of Rt 222 along 897, 2 miles north of Reinholds Vernon and Ray Kline, owners

FRI. SEPT. 12—1 P.M. Special Stocker and Feeder Sale at Lancaster Union Stock Yards in Sales Pavilion.

FRI SEPT. 12—8 P M. Public Auction of 90 Registered and Top Grade Holstein Dairy Cattle held in the dairy barn arena at the Aber. Sales Co in Churchville, Md

SAT SEPT 13—12 30 P M Complete Registered Holstein Dispersal located NE of Lancaster 1 mi N of Rt 222, 2 mi E of Rt 501 (Neffsville) just off Rt 772 along John Landis Road Terms by Titus M Hurst

WED SEPT 17—Martin's Sale Barn, Blue Ball, Pa Full line of farm machinery, equipment, supplies . . . We sell on commission Paul Z Martin.

WEDNESDAY, SEPT. 17—9 00 a m Farm machinery and equipment Sold on commission Martin's Sale Barn, Blue Ball, Pa. Terms by Paul Z Martin

FRI SEPT 19—7 00 P M Fall Stocker & Feeder Sale in sales pavilion at Vintage Sales Stables Inc, 10 miles east of Lancaster on Route 30

FRI SEPT 19—5 30 P M Public Auction of Tractors and Farm Machinery by Wenger s Farm Machinery, Inc, So Race St, Myerstown, Pa

SAT SEPT 20 — 10 30 A M Public Sale of Real Estate, Farm Equipment, Livestock and Household Located on Mount Pleasant Road, turn off Rt 322 in Honey Brook south on Rt 10 to Honey Brook Grange, Turn on Mt. Pleasant Road, 67 acre farm Terms by Margaret I Ream, Executrix for David Umble Estate

TUES SEPT 23—1 00 P M Feeder Calf Sale located in Central Virginia, at Orange, Va

THURS SEPT 25—7 00 P M Virginia Feeder Calves at the Fauquier Livestock Exchange, Inc, Marshall, Virginia

SAT SEPT 27—1 30 P M Manor Township Farm For Sale along Safe Harbor Rd. between Letort and Safe Harbor, 5 miles W of Millersville, 1½ miles S of Masonville Mennonite Church Terms by Landis W Rice

SAT OCT 4—11 00 A M Public Sale of Real Estate and Personal Property located along Rt 222, 4 mi S of Wakefield, 2½ mi N of Mason-Dixon Line, Fulton Twp, Lancaster Co, Pa Terms by Norman Wood & Esther N Wood

SAT SEPT 27 — 12 00 Noon Public Sale of Farm Equipment and Hogs, located ½ mile north of Garden Spot High School in New Holland, corner of Weaverland and Spruce Rd 42 sows and 125 feeder pigs Terms by Aaron and Ray Bowman

Facts Relating

(Continued from Page 11)

1966	18 1 percent	5 5 percent
1965	18 1 percent	5 4 percent
1964	18 4 percent	5 3 percent
1960	20 0 percent	6 2 percent
1957-59	20 6 percent	6 5 percent
1950	22 2 percent	8 7 percent
1947-49	24 6 percent	10 4 percent

Less labor is required to pay for our food supplies than even a few years ago

— These examples show the minutes of factory labor required to buy major food items

	In 1929	In 1957-59	Jan.-May 1969
White bread, lb	9 4	5 5	4 3
Round steak, lb	50 0	28 6	24 0
Butter, lb	60 0	21 4	15 7
Milk qt	15 4	7 1	5 9
Eggs doz	34 5	16 2	10 2
Pork chops, lb	40 0	25 0	20 0
Margarine lb	28 6	8 2	5 3

Rising incomes enable consumers to buy more food services even though services increase the food bill

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Oliver #1250 with loader, used 300 hours

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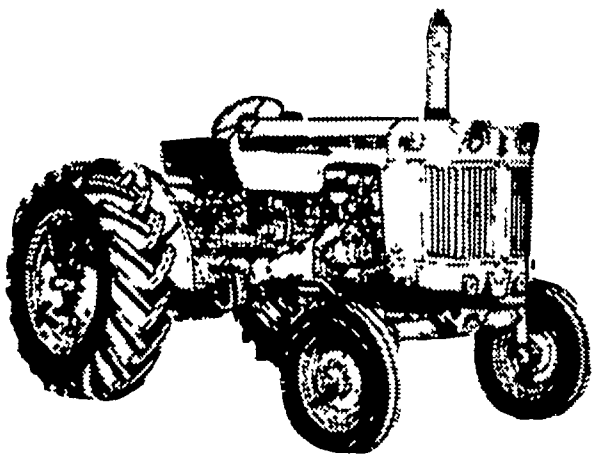

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5 lb. box	5.75
25 lb. bag	19.50
50 lb. bag	38.50

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50 lb. Bag	(covers 10,000 sq ft)	8.95	2nd Bag 1c
Box	(covers 5,000 sq. ft.)	4.95	2nd Box 1c

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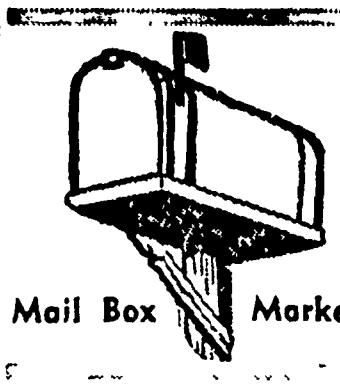

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Mail Box Market

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Mail Box Market

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For Sale—New Holland 616 Harvester; Also 2 false end gate wagons; Also Cheviot Rams, 1, 2 and 3 years olds. Ph: Ephrata 733-8770.

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For Sale—Ten York-Hamp pigs, 50 lb., wormed and castrated. Ph: 684-8870.

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Inventory of $1,545 to $2,590 cash required for inventory and equipment. You must have a good car and be able to devote at least 4 to 12 hours per week. If you are interested, have the desire, drive, determination, and want to be successful in a growing business of your own, write us today. Please enclose name, address, and telephone number.

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Dry Wood shavings delivered in convement 2 ton loads. Excellent for dairy barns and free stalls. Low prices.
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TUESDAY, SEPT. 9, 1969

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200 HEAD

35 to 65 lbs. Yorkshire and Yorkshire Cross. 6 purebred Yorkshire Boars 200 lbs Sale at 1:00 P M by

MELVIN M. MARTIN
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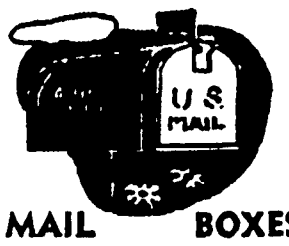

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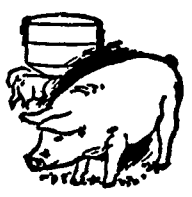

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READING, PA.

We will be glad to look at your hogs & bid you.

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BLUE BOY SEED WHEAT

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Try a few acres in comparison with Red Coat or Pennoll Fertilize for 100 bu. yield.

Note — Blue Boy does not revert. You can use your own seed wheat next year.

Cleaned and treated. State inspected. $3.00 per bu. at farm.

REUBEN B. MARTIN
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For Sale—Blue Boy seed wheat, last year certified, cleaned and treated, $2.75 per bu. (Drill one bu. per acre) Conestoga Valley Dairy Farm, Martindale, Pa.

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Special on New Case Forage Harvesters

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4 Used Surge 50 lb. units 2 with electric pulsators & jet flo liners & shells. 1 Surge electric timer, stallcocks.
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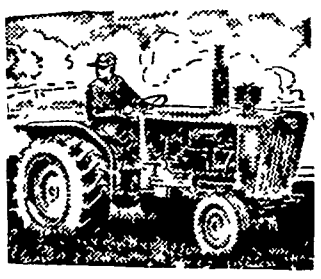

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SPECIAL — NH self prop. harvester with 2 row head
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Come in and take advantage of financing with no interest charge until Spring, 1970 on new and used tractors, combines, balers, mower conditioners and windrowers when financed with JDCP.

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Gehl RC-800 Recutters in Stock

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420 Utility John Deere Tractor
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New & Used Backhoes and Loaders

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All haying equipment reduced
NH 1 row, Fox FA 1 row, IH 50, 2 row, Case 300, 2 row Harvesters, wide or narrow row head available
One NI model 7 and Two model 6, 2 row corn pickers, one w/side elevator suitable for Amish.
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60,000 bought 59,920 sold
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Condemnation 1 43%

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Futures Market Activity At High Rate

By H. Louis Moore
Penn State Specialist

Frenzied activity in the nation's livestock markets has rubbed off on the futures markets in recent weeks. Meat producers have been rushing to hedge their cattle and hog production at prices near the highest ever registered on the futures market. Speculators have picked up the fever and are trying to outguess the market.

Recent market activity can be measured by the number of contracts traded. On June 5 and 6 more than 26,000 pork-belly contracts, 12,000 live-cattle contracts and 230 live-hog contracts were traded. Each cattle contract, for example, is made up of 37 head of cattle — in other words, the equivalent of 444 000 cattle were traded in the 2-day period. Each hog contract consists of 100 hogs. Futures trading in livestock has hit such a high level that it is relatively easy for a producer to hedge his livestock production.

High prices recently posted by futures markets make hedging, look attractive to some producers. The live-cattle contract for October closed at $30 87 on June 6th, and October hogs closed at $22 10. Hedging at these prices may appeal to producers who feel cash prices will go no higher than these futures prices. Hedging often appeals to the producer who has expanded rapidly, has a large debt, and cannot afford to take the risk of a potential price decline several months from now.

Even if livestock producers never plan to hedge, they should know how the futures market operates and how it can be used as an alternative market.

The Meat Import Situation

Meat imports continue as one of the most controversial topics in the meat industry. Despite record U.S. meat production levels, our markets have remained attractive to exporting countries. Meat imports in 1968 were equal to 5.9 per cent of U.S. production. Beef imports were equivalent to 6.9 per cent of domestic beef production. The increase in imports accounted for about a fifth of the increase in U.S. meat supplies in 1968.

Boneless beef is by far the largest red-meat import item. In 1968, boneless beef comprised 82 per cent of the total beef and 59 per cent of all red meat imported. Australia and New Zealand are the main suppliers of this meat. Imported boneless beef supplements the declining supply of U.S. produced cow beef and is used mostly in processed meat items such as hamburger and hot dogs.

Public law 88-482, enacted in August 1964, specifies conditions for proclaiming import quotas primarily on fresh and frozen beef and veal. Quotas have not been exceeded in any year, generally because Australia and New Zealand are careful to keep exports below the quota. Exporting countries evaluate our quota level each month and try to export the amount of meat which will keep the volume close to but just beneath, the quota. The Australians prize our market so much that the Australian meat Board requires exporters to ship 20 percent of their beef exports and 60 per cent of their mutton elsewhere in order to obtain permits to ship 80 per cent of their beef and 40 per cent of their mutton to the U.S.

The adjusted base quota for 1969 is 988 million pounds. The quota is invoked if exports exceed the quota by 10 per cent. The main complaint, from U.S. producers, is that the quotas are allowed to grow each year. The quota is adjusted upward as our domestic production of meat grows, and our domestic production in the 1967-69 period was 36.2 per cent over the 1959-63 base period.

We can expect imports to increase as long as our cow slaughter remains low, beef demand remains high, and beef prices continue at high levels.

New Holland
FARMERS
FAIR
OCT. 1-2-3-4

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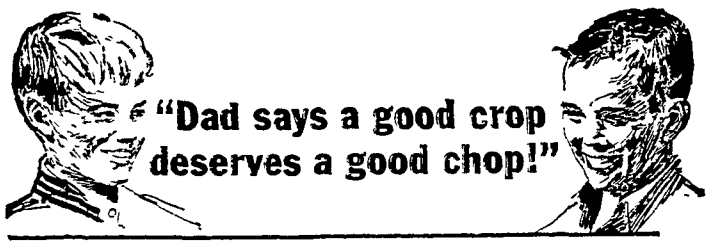

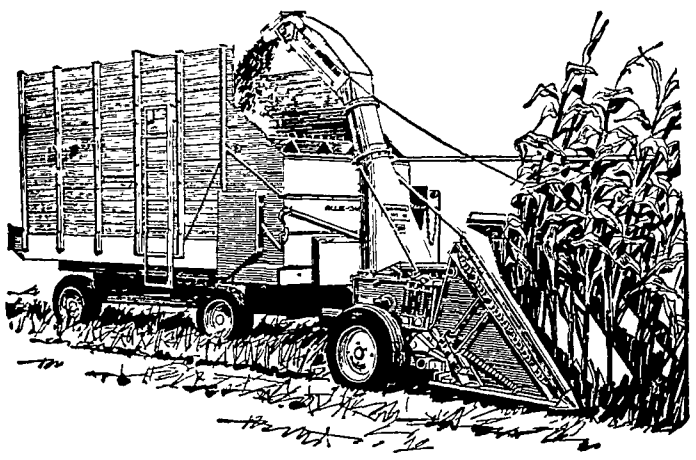

You chop fine silage faster with Allis-Chalmers 780 Forage Harvester!

The Model 780 delivers up to 60 tons per hour of high nutrient corn silage. Five feed rolls govern cut, from 7/32" to 2¼" length. Unique Short Flow feeding system keeps crop flowing steadily to the six 36" Cut-and-Throw knives. Change heads easily for direct-cut or windrowed grass crops.

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Grumelli Farm Service
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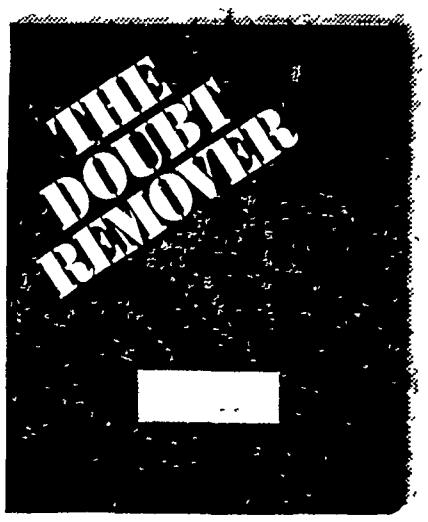
Lancaster, Pa.

What should your herd be producing?



Red Rose's unique new dairy analysis is free!

As the name promises, Red Rose's unique, new service "The Doubt Remover" takes the guesswork out of your dairy feeding program. And we can offer this analysis to you free of charge.

Just tell us about your herd. The breed. Average weight. Average annual production. What forage you are feeding and how much. And let us begin your dairy analysis that will tell you how you can obtain the most efficient, profitable production possible.

Stop in today or call us for details.

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Martin's Feed Mill, Inc.
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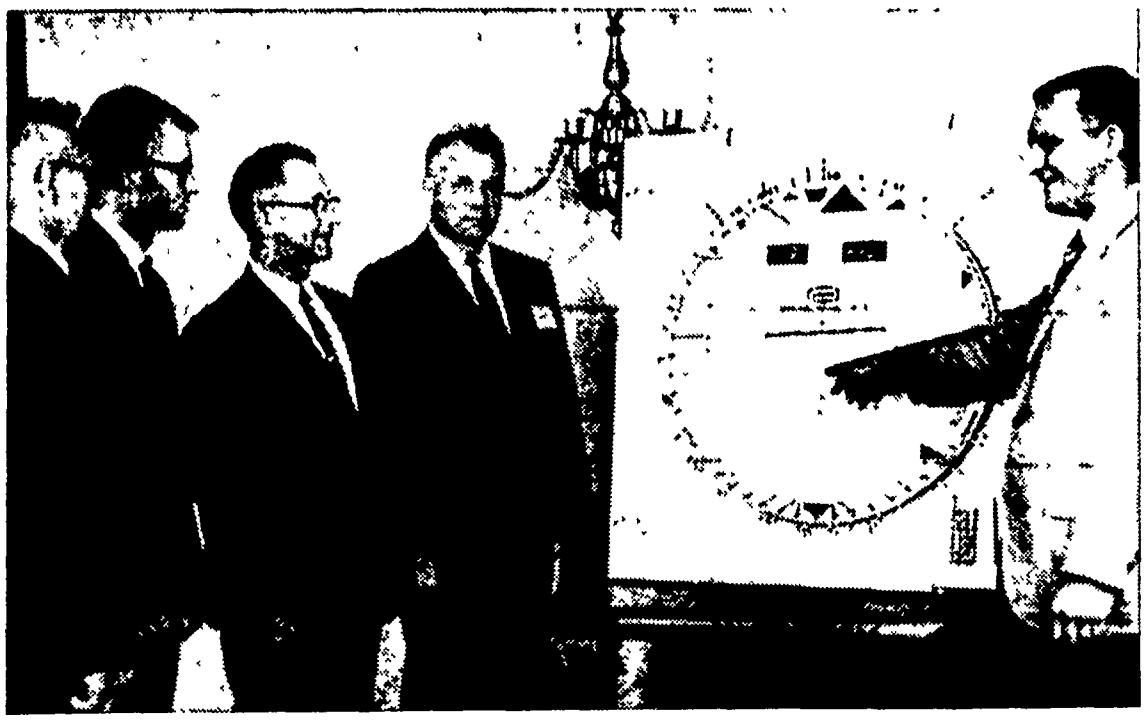
Witmer



AS AN AID TO DAIRYMEN, Aaron Greif (right), Area Farm Sales Manager for Agway, explains operation of the new Breeding Control Center during sessions of the 1969 Agway Dairy Enterprise School at Carlisle last week. From the left are Phares Landis, Lancaster; Donald Rutt, Willow Street; Victor Denlinger, Quarryville and Raymond Wallace, Honey Brook. The Control Center, created to aid dairy breeding efficiency, was one of the subjects covered during the three-day school.

Lancaster Farming

SECOND SECTION

PENB Responds To Boycott

A well-organized group of housewives have launched a carefully engineered consumer boycott of meat departments in the Long Island N Y area last week.

Calling themselves "FLP" (For Lower Prices), the group, who pronounce their name "FLIP" got together last month to combat ever-growing food prices, particularly in the meat department.

The sharp sting of the boycott, felt by the targeted supermarket meat departments, was reported in the August 18 issue of **Supermarket News** and attests to the initial success achieved by the organized boycotting and picketing of Long Island residents.

Responding to the current FLP popularity, the three Long Island daily newspapers . . . the **Long Island Press**, **Newsday**, and the **Suffolk Sun**, have begun featuring meatless menus in their woman's sections.

In phone conversations with each of the paper's food editors, Howard Helmer, PENB's eastern representative, has arranged to furnish all of the papers with a generous supply of PENB photo-recipe releases of hearty egg main dishes for use on the papers' food pages.

All three food editors assured Helmer that the egg recipes would be receiving excellent pick-up in their newspapers, the combined circulation of which totals nearly one million.

In addition to the recipe releases, a supply of material pointing up the terrific nutritional and economical value of eggs, turkey and fowl, is being furnished.

Fresh or frozen turkey is in ample supply either as whole birds, parts, rolls or roasts. These are available at 1968 values

Fowl — or hens — fresh, frozen or canned — are terrific for budgetwise homemakers determined to combat rising red meat prices.

New County Members Join Holstein Assn.

Dairymen from Pennsylvania made up the second largest group of new members recently approved for Holstein-Friesian Association of America Of the 1,208 individuals and firms admitted during the recent Board of Directors meeting, 197 were from Pennsylvania.

Forty-four states were represented on the roster of new memberships Other state groups in the front ranks include Wis-

(Continued on Page 23)

AGWAY

LP GAS

Bulk Metered Service
Equipment Engineering and Installation
Rental Equipment

Box 1197, Dillerville Road Lancaster, Pa.
Phone 397-4954

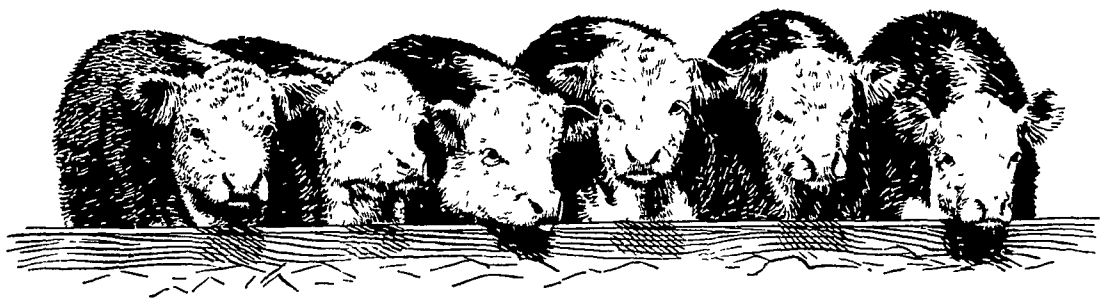
For Information and Service Call "Doug".

Ephrata Fair

The 51st. Annual Street Fair will officially open on Wednesday September 24 at 7 p.m. with one of the largest and most colorful parades in Eastern Pennsylvania. (Rain date - September 25.) The fair continues through Saturday, September 27. Participating in the parade will be bands; drum and bugle corps; marching units; floats; Miss Lancaster County and Miss Lancaster County Fire Chief contestants, which two hour parade annually attracts more than 65,000 spectators

A carnival spirit will prevail throughout the four-day event as an estimated 200,000 persons throng the giant four block Midway . . . the oldest and largest street fair of its kind in Penn-

(Continued on Page 19)



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Research Findings Could Change Methods Of Veal Production

Two animal scientists at Brigham Young University have recently concluded a two-year research project on the feeding of calves, and their findings could change veal production.

Dr. Robert W. Gardner and Dr. Max V. Wallentine have established that grain-fed calves can produce the same quality veal as milk-fed calves if five per cent tallow (animal fat) is added to their feed. Until now, grain-fed calves were considered to produce veal inferior to milk-fed calves. However, the milk cost alone is approximately $60 as opposed to only $23 for feed costs when using grain.

This means that grain-feeding (including tallow) results in a saving of more than 50 per cent in feed cost-per-calf over milk-feeding.

Dr. Marion Bennion, chairman of BYU's Food and Nutrition Department, said that a taste panel could not detect any differences in the appearance of the cooked meat, or its flavor, odor, juiciness or tenderness. Dr. Gardner added that the chemical composition (protein, fat) of milk and grain-fed calves is identical at equal carcass weights. The only major difference in the raw meat is the intensity of red. Milk-fed calf meat is lighter since these calves tend to be anemic.

The grain-fed calves were fed primarily barley and 20 per cent alfalfa hay plus the five per cent tallow. Dr. Gardner said this was the first time tallow had been added to the diet of grain-fed veal calves and only three pound of feed was required per pound of weight gain compared with 11 pounds of milk for every pound of weight gained by milk-fed calves Added tallow results in an improved fat color and covering of the carcass, comparable to milk feeding.

Equipment Feature At Penn State Field Day

Demonstrations of harvesters for fresh market sweet corn and cabbage will be featured at a Vegetable Crops Field Day to be held September 9 at the Horticultural Research Farm of the Pennsylvania State University Located 10 miles west of the Penn. State campus on State Route 45, the farm is part of the new Agricultural Research Center at Rock Springs.

Equipment will be demonstrated on a number of sweet corn and cabbage varieties planted especially for this event, according to C. J. Noll, program chairman and associate professor of olericulture

Field Day visitors are invited to assemble at the Research Farm between 9:00 and 9:30 a m on September 9 Lunch will be available at the farm for a nominal charge The day's events will close about 3 30 p m

The program will show variety trials involving eight different kinds of vegetables Weed control trials will be shown on several vegetable crops Nutritional studies involving nitrogen and magnesium will be featured Breeding plots will show experimental varieties of sweet corn, peppers, eggplants, and tomatoes.

Tomato plots will show comparisons of staked varieties, for machine harvesting Experiments with tomatoes will also show breeding lines

Convenience Foods

It's possible to have a well-balanced meal with little effort and time with the use of convenience foods, points out Mrs Ruth J Buck, Penn State extension foods and nutrition specialist A fruit or vegetable salad and a glass of milk will round out the missing nutrients Nutritionally well-balanced meals every day will provide the variety in foods each person needs to maintain his health and vitality for living

Current predictions for the state's turkey crop indicate that 4,987,000 of the big birds will be raised this year This would top last year's figure by 23 percent and be the second largest crop since 1956

A survey by the Pennsylvania Crop Reporting Service breaks down the present forcast to 1,731,000 heavy breed birds, and the balance of 256,000 in light breed.

Nationally turkeys raised in 1969 are expected to total 106 4 million, less than 1 percent below last year.

Silo Filling

Silo filling time is at hand and many tons of corn silage will be stored in our huge silos in the coming weeks. The danger of silo gas seems to be on the increase and I'd like to caution all farmers against this danger. We have more trouble with this gas in the past decade because we are using more fertilizer on our corn crip and the silos are getting larger, resulting in a greater concentration of this livestock feed. As the silage ferments, there are a number of gases that may be given off. Farmers are urged to warn all members of their family of this danger and keep them away from the silo. The danger period is during the filling operation and for a week to ten days after the silo is filled. Details of this problem may be obtained by contacting our Extension Office.

For Safety's Sake

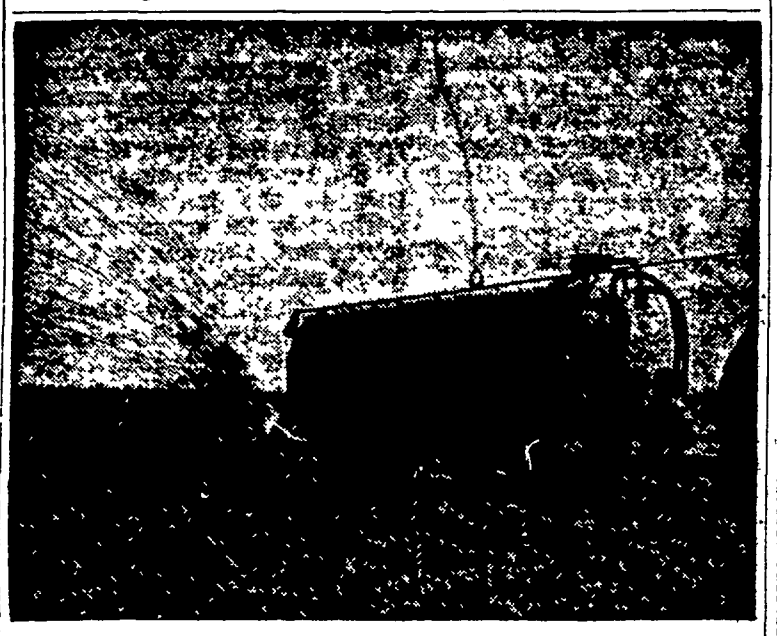
All poisons and household chemicals must be kept in their original containers so they are used according to directions on the labels, says Delbert L. Bierlein, pesticides coordinator with The Pennsylvania State University Cooperative Extension Service. He cautions against putting a chemical into an empty food container. Toddlers can't distinguish food from poison and will eat or drink anything.

Keep Quality In Eggs

For best quality, store eggs promptly and large end up in your refrigerator, advises Catherine Love, Penn State extension consumer education specialist. Storing with the large end up will keep the yolk from sticking to the shell and help eggs keep their natural quality longer. It's essential to get eggs under refrigeration as soon as possible to preserve their quality.

Color is a Safety Feature

Color is a safety feature to consider when buying or making clothing for children, reminds Mrs. Ruth Ann Wilson, Penn State extension clothing specialist. Light, bright colors for jackets and coats are good choices and make children more visible to motorists on dark days. If coats and jackets are of dark colors, it might be well to use some bright reflecting tape on the fronts and backs of the garments.



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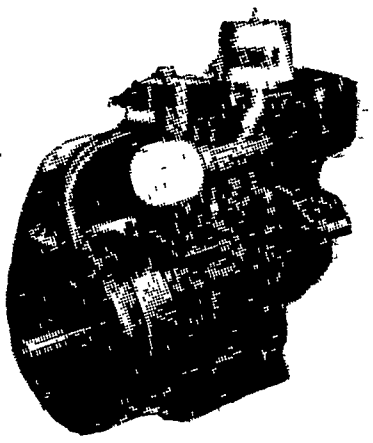
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Open House Set For Animal Bldg.

Open house will be held Sept. 27 for the new Animal Industries Building at Pennsylvania State University. The new facility houses the departments of Animal Science, Poultry Science, and Veterinary Science.

The ground floor includes 13 air-conditioned roms for small experimental surgery. Cage washing and feed preparation rooms are located there as well as a shop and large mechanical room.

The second floor features offices and laboratories for the Department of Veterinary Science. Located there is a lecture-demonstration room equipped with microscopes and audio-visual facilities with capacity for 48 students. There is also a laboratory for courses in nutrition and physiology with space for 20 students.

The third floor houses the offices and laboratories for the Department of Poultry Science, plus a reading room for all three departments.

The top floor accommodates the offices and laboratories for the Department of Animal Science. Office and laboratory arrangements are essentially the same on each floor.

This new Penn State Animal Industries Building features 27 research laboratories, most of which are about 600 square feet in area with an office attached. Such an arrangement accommodates a faculty member and one to three graduate students.

Chairman of the open house committee is Floyd W. Hicks.

Broiler Marketing Guide Updated For 1969

The U.S. Department of Agriculture has updated its "1969 Broiler Marketing Guide" issued last May. The updated recommendations suggest levels of production for the fourth quarter of 1969 and the first quarter of 1970

The guide suggests levels of placement in two areas of production — hatching eggs in incubators for subsequent marketing as broilers and pullet chicks in hatching supply flocks

On the number of eggs to be placed in incubators, USDA recommends:

For placements resulting in broilers to be marketed during the fourth quarter of 1969 — an increase of 7 percent from the same quarter in 1968.

For placements to be marketed as broilers during the first quarter of 1970 — an increase of 5 percent from a year earlier, and for placements to result in broilers to be marketed during Thanksgiving, Christmas, and New Year's holidays — a reduction of 30 percent from placements during the same periods a year earlier

On the number of pullet chicks to be placed in broiler hatchery supply flocks, USDA recommends

Pullet placements for the balance of 1969 — same as in 1968, and Pullet placements during the first quarter of 1970 — an increase of 3 percent from the same quarter in 1969.

These recommended placements are maximums If producers exceed them, the consequences could be greater supplies than needed and substantially lower prices.

The basic ingredients for an excessive increase in broiler production have been evident in the broiler industry for some time, USDA reports The demand for broilers has been unusually strong. And the broiler hatchery supply flock has been increased substantially from a year earlier. If the demand for broilers should moderate later this year and in 1970 because of increased supplies of red meat and a decrease in the rate of growth of the economy, this would place severe pressure on broiler prices, USDA points out.

The Broiler Marketing Guide is issued by USDA's Consumer and Marketing Service to aid producers in adjusting their output to the needs of consumers. The recommendations are aimed at averting an under-or-over-supply of broilers on the market, with resulting extremes in prices.

● Ephrata Fair

(Continued from Page 17)

sylvania. The Midway features free entertainment daily which includes "Kiddies Day" on Thursday afternoon at which time school children up to 12 years of age enjoy free rides, as guests of local business and industry. Nightly band concerts, the Mrs Lancaster County Fire Chief contest will be held on Thursday night; 4-H and FFA Baby Beef, Dairy Cattle, Swine and sheep will be judged on Thursday A Tractor Driving Contest will be held on Saturday at 10 a.m. The livestock shows, poultry displays, grain, seed, forage and tobacco will be exhibited in the tents located in the Ephrata Community Park.

Daytime visitors to the fair will find a full complement of displays in the store windows and in the exhibits tent on Main Street, including displays ranging from flowers, home-baked and canned goods, art, fancy needlework, crafts, 4-H and FFA exhibits, and products of farms and gardens.

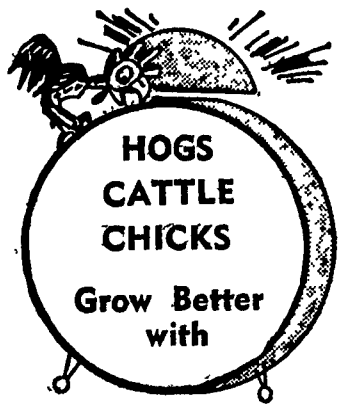
Farm machinery, appliances, trailers, campers and new automobiles will also be displayed.

Saturday afternoon will be highlighted with the annual Baby Parade held on Main Street starting at 2 p m , with thousands on hand to see the beautifully designed floats and costumes as the small fry parade through downtown Ephrata

Another highlight of the fair will be conducted on Saturday night at 8 00 p m. when young ladies from Lancaster County Communities will vie for the title of Miss Lancaster County, a preliminary contest to next year's Miss Pennsylvania Pageant.

According to Mayor Lloyd S. Gerhart, Fair President and the fair officials expect that more space will probably be sold for stands and exhibits this year than at anytime in the past

The fair was inauguarated in 1919, as a homecoming for returned Veterans of World War I.



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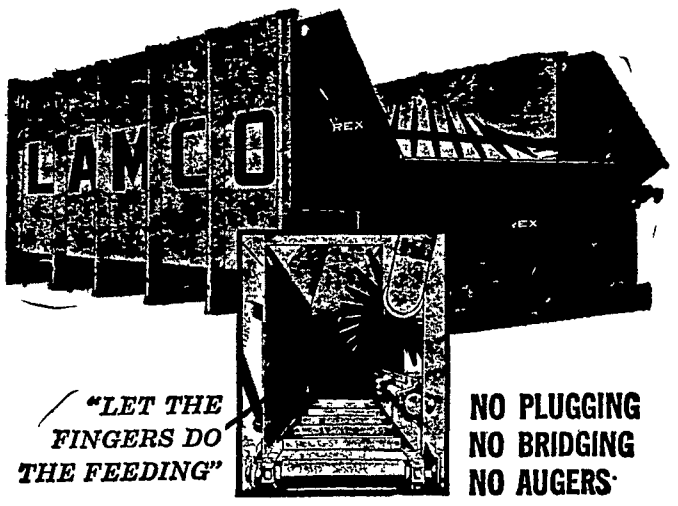

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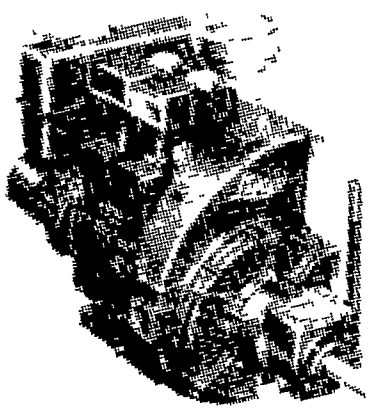

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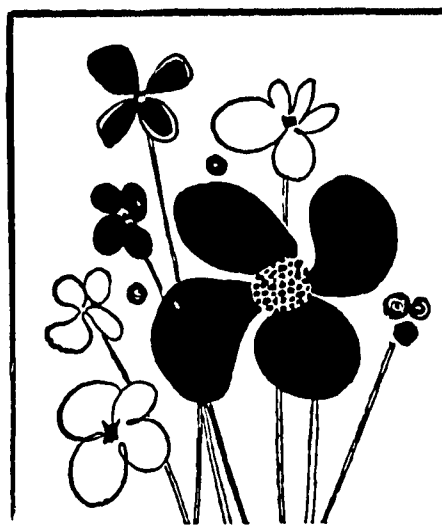

FOR THE
FARM WIFE AND FAMILY

MRS. DANIEL BRUBAKER holding her prize winning tenderloin and shows a few jars of her vegetables and fruits, also her dried vegetables and fruits with their ribbons from Carlise and Allentown Fairs. A handful of her Pa. Farm Show ribbons are in the foreground. L. F. Photo

Mrs. Brubaker Has Exhibited Produce For Thirty-Five Years

By Mrs. Charles McSparran
Lancaster Farming Staff Writer

"The sun is a shining to welcome the day, Heigh-ho! Come to the fair!"

This is the song Mrs. Daniel (Amy) Brubaker of Clay Township might well be singing these days because she started exhibiting her fine products at the Reading Fair July 22 and has already exhibited at several fairs. She and her husband will be exhibiting until sometime in October and also at the Pennsylvania Farm Show in January They exhibit as far as Indiana and Columbia counties. Ever since they were married thirty-five years ago they have been exhibiting at fairs. They have exhibited at some three dozen fairs. Some of the other fairs they exhibit at are Allentown, Bedford, Carlisle, Bloomsburg, West Lampeter, Ephrata, New Holland and Manheim.

Together Mr & Mrs Brubaker have accumulated somewhere between 25,000 and 30,000 ribbons, Amy herself having received between 5,000 and 6,000 ribbons. They keep all of their ribbons but they have so many they just put them away in cartons Mrs Brubaker says if she ever gets to the place where she takes life easy she might make them into a quilt She would probably have several quilts if she used all of them ribbons She says "I don't exhibit just for the honors, I do it for the money" There's no question that this couple exhibits quality products and it necessitates many many hours of tireless effort on their part

What do they exhibit? Mrs Brubaker shows her canned fruits, vegetables and meat, her dried apples, string beans and corn, also flowers, rolls, bread and fudge Mr. Brubaker adds to this his flowers, various kinds of fruits such as apples, peaches and apricots, vegetables and corn.

The Brubakers have a stand at Roots Market Tuesday nights, Womelsdorf Market Thursdays and the Green Dragon Fridays. They sell their apples, cider, fresh vegetables, dried corn, string beans and apples and flowers.

Mr. and Mrs. Brubaker's farm has only 23 acres, about 11 acres of it planted in fruit trees, mostly apples. These trees are planted, for the most part, around the edge of the fields. Brubakers have lived here thirty years. In these days of automation and big business it seems incredible that such a small farm can support a family. They have no animals on their farm although they had at one time. It just goes to show, it's what you do with what you have. He grows many vegetables and flowers. He used to grow 12,000 gladioli and sold them to wholesale florists in Baltimore In the spring he buys flower plants wholesale and retails them. He also buys peaches wholesale and retails them. He is a member and past treasurer of Lancaster County Fruit Growers Association.

Mrs. Brubaker is one of the cooks at the West Nursing Home which is between Stevens and Denver. They keep 36 patients in the home. She works there a half a day every day but Friday and that day she helps at their stand at the Green Dragon from noon until 11 p m Before working at this nursing home she was employed by the Moyer Garment Factory for seven years

Mrs. Brubaker has been a member of Farm Women Society #1 for 44 years and attended since she was 8 years old. She went with her mother, Mrs Landis Balmer, who was a 4-H Leader Mrs Brubaker served as president of this Society in 1949 and 1950 and is on the Ways and Means committee at the present time This Society has food stands at farm sales and held a plant and food sale at their August meeting. She helps them make cancer pads, ditty bags etc The Brubakers boil apple butter Saturday and Sunday at Landis Valley Museum Harvest Days each year and the members of Farm Women Society #1 help pare apples.

Mrs. Brubaker is on the Fresh Air Committee which gets homes for New York children to visit in the summer.

The Brubakers are members of Middlecreek Church Of The Brethren, which is between Lincoln and Brunnerville, where Mrs. Brubaker serves as song leader and is president of the Women's Fellowship. This group is an auxiliary to the Brethren Home at Neffsville. They have a birthday party one month each year for the Home and provide a program, refreshments and gifts for the ones who have birthdays that month. They help at the Christmas in July picnic in the Home pavilion Mrs. Brubaker attends the Church Camp at Camp Swatara, near Bethel, each year. They have Bible study, discussion groups etc.

She is chairman of Lancaster County Homemakers Camp which is held in August at Camp Swatara It is her duty to publicize it in Lancaster Co. She attends the two day camp each year.

The Brubakers have three children Clyde was in 4-H Baby Beef and Lamb Clubs He is president of Pennsylvania Hampshire Sheep Association and his wife is secretary of it Last spring he placed second at the Keystone Ram and Ewe Show at Harrisburg and his yearling lamb came in fourth They live on a farm on the old Harrisburg Pike He helps with the farm work and is foreman of the mill at Miller and Bushong Inc Feed Manufacturer He is active in his church They have two children, their oldest son has a steer in the 4-H Club.

Gloria is married to Lee Shober and they live in Ephrata. They have two children Before marriage she was in 4-H Sewing, Flower, Cooking, Baby Beef and Lamb Clubs She taught second and fourth grades at Clay and Schoeneck schools. She is teaching kindergarten now at Schoeneck. Mr. Shober teaches a course in electricity at Reading.

Daniel Jr. went to Clay Elementary and Ephrata High School and is a Senior at Elizabethtown College. He expects to go on in college and become a medical doctor.

This busy housewife finds little time for crafts and hobbies but enjoys making tote bags and some of the crafts such as making pin cushions which are taught at Homemakers Camp. She likes antiques and has several prized ones, one of which is a small dough tray which has been in her family over 100 years. She has all kinds of flowers on her lawn and quite a few African violets. She enjoys cooking. Here is her favorite fudge recipe.

FUDGE

2 cups sugar
⅔ cup cream
2 tablespoons light corn syrup
2 squares bitter chocolate

Stir until it comes to a boil.

(Continued on Page 21)

DRYING STRING BEANS. After cooking fresh string beans for an hour, Mrs. Brubaker dries them in this drier (which has water underneath) on top of two burners for about 24 hours. L. F. Photo

THE WOOL EMBROIDERED burlap tote bag and pincushion was made by Mrs. Brubaker. Also her dining table fresh flower arrangement and potted house plants are shown. L. F. Photo

● For The Farm Wife

(Continued from Page 20)

Lower heat. Just stir enough to keep from burning Boil to 236 degrees or a soft ball Add 2 tablespoons butter. Cool until bottom of pan is comfortable to touch. Add 1 teaspoon vanilla. Beat until it looses its gloss, pour into buttered pan.

Mrs. Brubaker gives the following old Pennsylvania Dutch recipe which uses her dried apples.

SNITZ AND KNEPP

1 quart dried apples

1 lb. smoked sausage or ½ lb. bacon

Soak apples over night Cook next day, in water they were soaked in, 1 hour at medium heat. Cut sausage in 2 inch pieces, or bacon the same size (ham may be used also but Mrs. Brubaker prefers sausage or bacon). Add to apple snitz Add ¼ teaspoon pepper and ½ cup brown sugar.

Knepp

2 cups flour
1 teaspoon salt
¼ teaspoon pepper
4 teaspoons baking powder
1 egg beaten
Add ¾ cup milk to beaten egg

Mix with first four ingredients. Drop into boiling above mixture. Turn to medium. Cover and cook 12 minutes without lifting lid. Serve on big platter or arrange knepp dumplings around edge and apple snitz in center.

This recipe for baked beans is an old one her mother used and is a little different from most recipes.

BAKED BEANS

1 lb. navy beans
Wash and soak overnight. Cook until soft.
1 qt. canned tomatoes
Heat and mash with potato masher.
½ cup to 1 cup brown sugar
1 teaspoon cinnamon
1 teaspoon salt
pepper to taste

Add to beans. Put in casserole and cut up and add a small onion. Cut bacon in 1 inch strips. Fry and place on top of beans. Bake 1 hour in moderate oven.

Correspondence Courses

50,000 BACTERIA ON A PINHEAD

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But some bacteria are harmful Pathogens grow within animals to cause pneumonia, tuberculosis, and typhoid fever.

Food spoilage is done by bacteria Canned and frozen foods, pasteurized milk and refrigerators are defenses against them.

Food poisoning is devastating to the health of individuals.

The Penn State course presents the whole field of bacteriology There are lessons on water and sewage, soils, milk, food spoilage, fermentation and disease.

Send you name and address with $5 00 to Bacteriology, Box 5000, University Park, Pa 16802. There are no other charges and a complete course copy comes to you by mail Make checks to The Pennsylvania State University.

Beef Prices

From the consumer viewpoint we often hear the remark about the high cost of beef; also, we notice the intentions of some homemakers of boycotting the meat markets in protest of the high prices. I've noticed an editorial comment in one of our national farm magazines pointing out that beef isn't so high when you compare it to cigarettes that cost $6 95 per pound Also, I'd like to point out that one hour's wages of a factory worker today will buy one more pound of round steak than it did 30 years ago Don't blame the producer for high prices, it's the processing and middle-man's costs that are going up.

Ladies, Have You Heard? . . .

By Doris Thomas, Extension Home Economist

How To Handle Canned Foods

It's best to use canned food stored no more than a year Foods stored longer, however, are safe if no damage to cans has occurred that could cause leaks.

THOMAS

Cans with rusted areas need not be discarded unless the rust has penetrated through the can and evidence of leaking can be seen

Any can showing signs of bulging at one or both ends should be immediately discarded whether there are signs of leaking or not

Dented cans, often offered at special prices, can mean savings to you Dents in the vicinity of the seams most likely cause trouble Check the cans carefully.

Use Aerosol Containers With Caution

Follow directions on aerosol containers exactly as given.

Do not inhale the spray from an aerosol no matter what the product.

Always direct sprays away from heat and don't discard an empty container into a fire. The gas inside can expand and cause the container to burst like a grenade.

As an extra precaution before discarding an empty aerosol container open the release valve until all gass has been exhausted from the can.

Never try to puncture it.

If a can is rusty of cracked, release the gas at once and dispose of the container.

Consider Cost Per Pound

Spare ribs at 59 cents a pound are more expensive than ground beef is at 63 cents a pound. The fact is that in terms of cost per serving, spare ribs are far more expensive than ground beef because uneatable waste costs money.

Regardless of the cost per pound, calculate the cost per serving when deciding whether or not a particulad food fits within the food budget

A pound of meat with little or no waste will serve four persons.

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MEN'S 6" TAN GLOVE LEATHER
WORK SHOES $8.75 PAIR
With White Crepe Sole and Cushion Innersole In Wide Widths

LADIES' SEAMLESS
PANTY HOSE ONLY $1.10 PAIR
Beige, Taupe, Tan, Jet Black

D-CON RAT & MICE BAIT
Special Offer — 50c Cash Refund For
Each Box Top Mailed to the Company
OUR PRICE $1.30 each 50c Refund Actual Cost 80c

THIS WEEK'S SPECIAL
MEN'S UNDERWEAR, BOXER SHORTS, BRIEFS, T-SHIRTS
Reduced For Quick Sale

Clothing, Shoes, Housewares, Hardware and General Merchandise
GOOD'S STORE
1 mile North of Route 23 Along Route 625
R. D. 1, East Earl, Penna. Ph. 215-445-6156

YOUR SAVINGS GAVE HIM HIS JOB

That's why the money you place in our care is so important to the community. It furnishes the payrolls, buys the lumber and materials that go into a new home or improve an old one. Few industries stimulate business and promote prosperity like construction.

The dollar you save at home works at home, helps keep our town a good place in which to live and raise a family. We invite your savings.

ACCOUNTS INSURED TO $15,000

FIRST FEDERAL Savings and Loan ASSOCIATION OF LANCASTER

25 North Duke St.
Phone 393-0601

Mon. thru Thurs. 9 to 4:30 Fri. 9 to 6 Sat. 9 to noon

Garber Oil Co.
Texaco Heating Oil
Burner Sales & Service
MOUNT JOY, PA.
Ph. 653-1821

SAVE AT BOB'S SAVE RITE MARKET
743 S BROAD ST.
LITITZ, PENNA.
Hours: Mon. thru Sat. 9 to 9
Sunday 9 to 5

SUPER SHOES
Self Service
2750 Columbia Ave.
Lancaster
Lanc. Co.'s Largest Shoe Store
All 1st Quality
Super Low Prices

6700 HEAD

IN FIVE FEEDER CALF SALES

LOCATED IN CENTRAL VIRGINIA

"Where Quality is Outstanding"

Angus - Hereford - Crosses Steers - Heifers
300 - 700 Pounds

ORANGE	1:00 P.M.	Sept. 23	1200 Head
CHARLOTTESVILLE	1:00 P.M.	Sept. 24	1700 Head
CULPEPER	1:00 P.M.	Sept. 25	1200 Head
MARSHALL	7:00 P.M.	Sept. 25	1500 Head
STAUNTON	1:00 P.M.	Sept. 26	1100 Head

Health requirements and all qualifications conform to the high standards of the Virginia Feeder Cattle Association
Second Series of Sales — October 28 - October 31, 1969

For Further Information Contact:

ROY HELTZEL,
COUNTY EXTENSION AGENT
Culpeper, Va. Tel.: Culpeper 708-825-2233

Attend School

School days are here again and I'm always afraid of the idea of some of our boys and girls that they do not need a high school education. We hope that every reader of this column will encourage all youth to at least finish high school; there is little doubt that folks without a high school education will not have the opportunities in the life ahead as compared to those with an education. Many young folks think they can get a good job without education and will be set for life; however, we do not know the happenings of the future and in many cases, high school and even some higher education, will be required before a person is considered for a position. Don't let young folks make the mistake of being a high school dropout.

The worst of bad habits is the one that permits you to find excuses for the rest of 'em.

REGULAR LIVESTOCK AUCTION
EVERY FRIDAY
Stockers & Feeders
All Weights
All Breeds
Now beginning to Move
Good Doing
Shenandoah Valley
Va. Cattle

STAUNTON UNION STOCK YARDS, INC.
Staunton, Va.

HEAD 2000 HEAD

(STATE GRADED)

VIRGINIA FEEDER CALVES

THURS. SEPT. 25

SEVEN P.M.

Fauquier Livestock Exchange

INCORPORATED

MARSHALL, VIRGINIA

Sponsored by
Marshall Feeder Cattle Assn.

All calves will be vaccinated with Rea-Plex and two doses of Pasteurella. Heifers vaccinated with strain 19 for brucellosis and guaranteed open. All calves originate in counties free of brucellosis and tuberculosis.

Tel. 703 364-4861

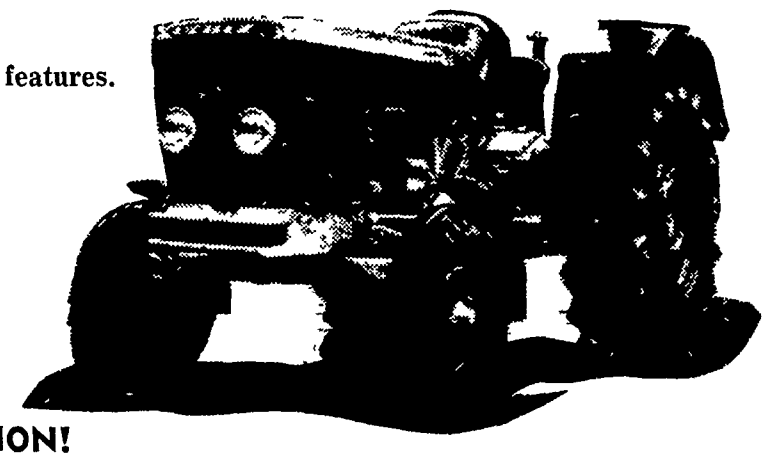
DEUTZ

We have added the full DEUTZ line of tractors to our present DIESEL lines. These tractors are equipped with the famous DEUTZ Air-Cooled diesel engine . . . . . .

Outperforms any water-cooled diesel engine.

Options include all the latest features.

Four-wheel drive available.



CALL US FOR FREE

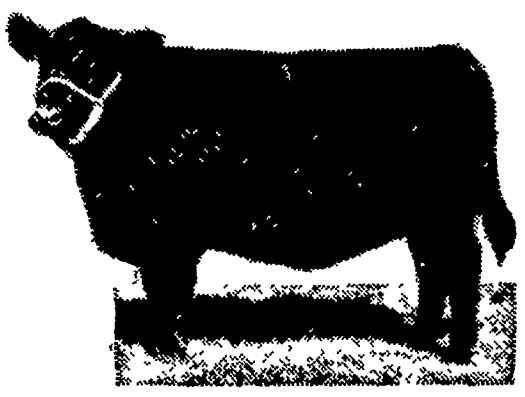
FIELD DEMONSTRATION!

STAUFFER DIESEL, INC.

312 W. Main Street New Holland, Pa. 17557

Phone: 354-4181

Finance Your Feeder Cattle At



FARMERS NATIONAL BANK
Lititz

LITITZ, PENNSYLVANIA

9 East Main St. Lititz **Neffsville** **Lancaster Shopping Center**

SEE US FOR
PROMPT — COURTEOUS SERVICE

MEMBER F.D.I.C.

PUBLIC SALE

REAL ESTATE AND PERSONAL PROPERTY

SATURDAY, OCT. 4, 1969

11 o'clock A. M.

Located along Route #222, 4 miles south of Wakefield, 2½ miles north of Mason-Dixon Line, Fulton Twp., Lancaster Co., Pa.

Real estate consists of farm containing 123 acres & 151 perches more or less erected thereon 2½ story frame & brick dwelling containing 9 rooms, 1½ baths, fireplaces, oil hot water heat, well & other conveniences; also a large bank barn equipped with stanchions, silo, milk house, implement shed & corn barn combined, chicken house & other buildings. All buildings covered with slate, meadow with running water, woodland with very good timber. This is a very desirable farm in high state of cultivation. Inspection may be made Friday, Sept. 12 from 10 A.M. to 3 P.M. & Tuesday, Sept. 16 from 12 Noon to 3 P.M., or by appointment. Call Kersey Bradley 717-284-4204. Real estate will be offered for sale at 2 P.M.

Personal property consists of overstuffed chairs, roll top desk, dough box, couch, desk & bookcase combined, Boston rocker, other rockers, chairs, bench table, rugs, beds, cot, crib, table, floor & table lamps, kitchen cupboard, pictures and frames, old picture albums, radios, old sewing machine, glassware & dishes, wash bowl & pitcher, venetian blinds, old books, Biographical Annals of Lanc. Co., glass jars, bench, Philco refrigerator, 11 cu. ft. freezer, washer & dryer combined, wash tubs, wood stove, large fan, cherry seeder, old license plates, spinning wheel, butter press, sleigh, sled, boot jack, ox yoke, iron pots, copper kettle, flour chest, corn drill, corn sheller, roto tiller, iron trough, grain cradle, iron posts, barb wire, woven wire, iron & wood barrels, grind stone, drill press, broad ax, motors, single & double trees, pulleys, extension ladder, bag wagon, old harness, lumber, meat cutter, lard press, milk cans, milk pails & strainers, lawn roller, hand lawn mower, 50 laying hens, chicken equipment, 12 gauge gun, step ladder, and many other articles.

Sale by
Norman Wood & Esther N. Wood

Lunch by Fulton Grange
Wm. B. Arnold, Atty.
Kersey A. Bradley, Auctioneer
Kirk & Eschbach, Clerks

Internal Parasites

The control of internal parasites has always been a problem among hogs and sheep; in more recent years it has become important in the cattle enterprise. All feeders and breeders are urged to control stomach worms in order to have efficient production and maximum returns. Sheepmen should worm their animals at least twice a year and the fall is one of these times. Feeder lambs should be wormed every 4 to 6 weeks during the feeding period. Cattle feeders who are buying calves should submit a fecal sample to their local veterinarian to learn of the infestation; we feel there is more cattle worm infection than most farmers realize. Eliminate stomach worms for efficient production.

PUBLIC NIGHT SALE
OF VALUABLE LIVESTOCK

THURS. NIGHT SEPT. 11

Starting 8:00 P.M. Sharp

Sale located 5 miles North of Rt. 222 along 897, 2 miles North of Reinholds.

65 HEAD OF HOLSTEINS

This is an extra good set of cows — some 1st calf heifers just fresh and some 2nd and 3rd calf cows fresh and close. Some of these cows are registered from King Pin and a few top Ivanhoes milking 85 lbs. Will also have a good Holstein stock bull and a few feeders.

DON'T MISS THIS SALE!

Buy For Cash & Save — Satisfaction Guaranteed

Health Charts Nite of Sale

Randal Kline — Auctioneer

Vernon and Ray Kline — Owners

Phone area code 215 267-2368 or 267-2298

NOT RESPONSIBLE FOR ACCIDENTS

REFRESHMENT STAND

Public Auction

FRIDAY, SEPT. 19, 1969

STARTING AT 5:30 P. M.

Sale Held Under Lights

20 to 30 TRACTORS
MANY MAKES AND MODELS

International, Ford, John Deere, Allis-Chalmers, Case, Massey-Harris, Massey-Ferguson, Oliver

FARM MACHINERY

Cultivators, Mowers, Windrowers, Balers,
Hay Crushers, etc.
Some Lawn and Garden Equipment

Attention DEALERS & FARMERS:

Bring your own surplus equipment in to be sold on consignment.

Dry Goods man will be here for the Ladies.
TERMS — CASH

We buy, sell, trade, wholesale–daily.

Used Parts for most make & model of Tractors & Farm Machinery.

CONDITIONS BY

WENGER'S FARM MACHINERY, INC.

So. Race St. *Myerstown, Pa*

717-866-2138

Rentzel and Horst, Auctioneers

MANOR TOWNSHIP
FARM FOR SALE

Along Safe Harbor Road between Letort and Safe Harbor. 5 miles west of Millersville, 1½ miles south of Masonville Mennonite Church.

SAT., SEPT. 27, 1969
1:30 P. M.

111 Acre steer farm with large bank barn, corn barn attached, tobacco shed, 3 car garage. 2½ story frame house with 10 rooms & slate roof, drilled well with running water.

Approx. 12 acres of heavy woodland, approx. 15 acres pasture with stream.

Terms by

LANDIS W. RICE
MILLERSVILLE R.D. 1, PA.

Kreider & Diller, Aucts.

Inspection anytime by Contacting Owner.

TITUS M. HURST
COMPLETE REGISTERED
HOLSTEIN DISPERSAL

SATURDAY, SEPT. 13
12:30

Location Northeast of Lancaster, 1 mile north of Rt. 222, 2 miles east of Rt. 501, (Neffsville) just off Rt. 772 along John Landis Road.

35 Milking age, 4 Fall Heifers, 14 open heifers, and younger, accredited, certified, vaccinated, interstate tested. D.H.I.A. HERD AVERAGE FOR 10 YRS., 14,376 POUNDS MILK, 540 POUNDS FAT, several cows with 700 and 800 pounds fat. MANY IN THIS HERD HAVE MILK, 75 to over 100 pounds a day. Catalogues upon request. Plan to attend.

Aucts., Diller & Kreider

Public Auction

90 REGISTERED & TOP GRADE HOLSTEIN DAIRY CATTLE 90

Sale to be held in the dairy barn arena at the Aber. Sales Co. in Churchville, Md. located on Md. Rt. 22, 6 mi. east of Bel Air, Md., (via U.S. Rt. 1) and 6 mi. west of Aberdeen, Md., (via U.S. Rt. 40 and I-95 — Kennedy Highway) on

SEPTEMBER 12, 1969
at 8:00 P.M. EDST

James Carter of Brampton, Ontario, Canada is shipping a fine load of registered and grade Holstein 1st calf heifers of which approx. 20 are due to freshen in September and October.

The Leonardtown Dairy Company will sell 10 head of good heifers expected to freshen in July and August.
A top herd in Frederick Co. will sell 10 head of top cows.
Another herd is supplying us with 14 2nd and 3rd calf cows which are close springers.

There will be other consignments of fine cattle from top local herds. Plan to attend this sale if you need additional cows.

All animals are T. B. Accredited, Certified Bangs Free and tested within 30 days of sale. Freshening dates, breeding dates, due dates, and milk weights will be available.

TERMS — CASH

ABERDEEN SALES COMPANY
Sale Managers
Phone: 301-734-6050
Night: 734-7106 — 272-1368

New Veterinary Programs At Penn State

Graduate programs leading to the degrees of master of science and doctor of philosophy in veterinary science have been established in the College of Agriculture at The Pennsylvania State University.

Studies will emphasize specialization in veterinary pathology, veterinary microbiology, and veterinary physiology. These will combine existing courses in related departments, new courses in veterinary science, and research on biomedical problems.

Directing the graduate programs will be Dr. Alfred L. Bortree, professor and head of the Department of Veterinary Science. Dr. Bortree became department head in 1953 and is currently serving as chairman of the Division of Animal Science and Industry in the College of Agriculture.

The demand for graduates with advanced degrees in veterinary science has exceeded the supply since post-World War II days. Opportunities for careers exist in schools of veterinary medicine, health science programs sponsored by state and federal agencies, and research and development programs of drug and biologics firms.

The new degree programs, Dr. Bortree emphasizes, should not be confused with the degree work of doctor of veterinary medicine, a degree qaulifying persons for practice of veterinary medicine.

Many of the candidates for the master of science or doctor of philosophy degrees in veterinary science will be persons who have already earned the doctor of veterinary medicine degree.

● New County
(Continued from Page 17)

consin with 214 and New York at 175 new members.

Total membership in the national breed organization now exceeds 44,400 Members are entitled to register and transfer Holstein cattle at reduced rates. Members have a voice in Holstein affairs Association policy is established by the voting membership through its elected convention delegates and board of directors. Members are directly informed of new and changed programs and activities.

In Pennsylvania, Holstein breed activities are coordinated through the state secretary and the fieldman, located at State College. Local programs are held by county and district groups of dairymen-breeders.

New Holstein memberships from Lancaster Co. include Beiler, Melvin L, Gordonville, Bollinger, Clifford E., Lititz; Brubaker, Harold S, Manheim; Brubaker, Luke F, Mount Joy, Bucher, D Melvin, Lititz, Burholder, Glenn E, Washington Boro; De Long, David E, Quarryville; De Long, Harold E & Eleanor S, Peach Bottom; Dienner, Ada K, Gordonville, Fisher, Emanuel S, Narvon, Glick Edward S, Gap; Groff, Elias B, Lancaster, Hershey, Glenn C, New Holland; Hoover, Enos M, Ephrata; Kauffman, Elmer E, Christiana; Kolb, Melvin, Inc, Lancaster; Kulp, Robert E, Manheim; Lapp, Leon S, Gap, Nolt, Lloyd W, Mt Joy, Nolt, Reuben Z, New Holland; Risser, Harold L, Bainbridge, Rutt, Elam B, Ephrata; Rutt, Kenneth M, Quarryville, Shank, J David, Conestoga, Shelly, Harold G, Manheim, Shoemaker, Allan R., Kirkwood, Stoltzfus, Levi M, Leola, Welk, Maurice F, Quarryville, Wenger, Ivan H, Leola.

AGWAY

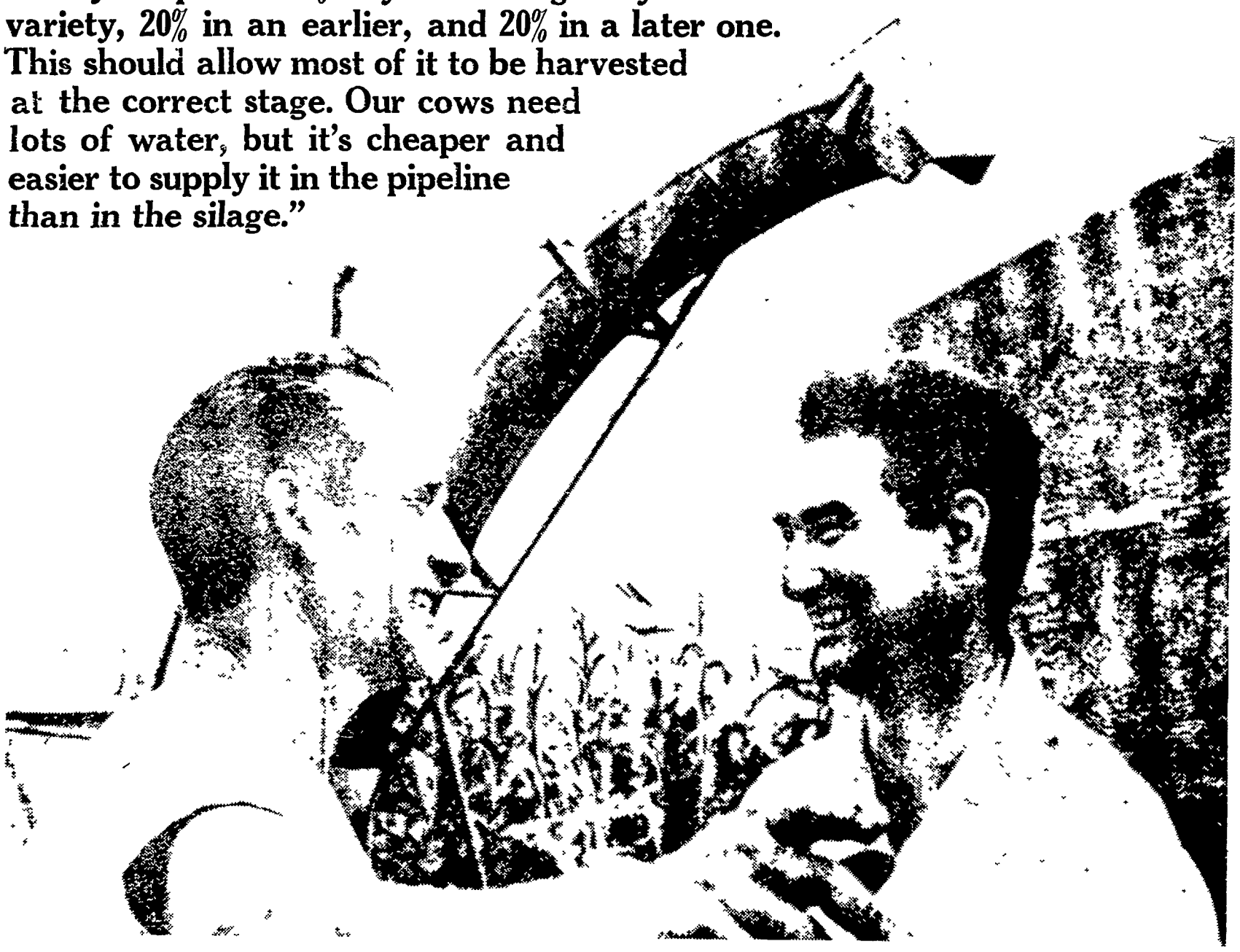
CORN TALK . . .

Nick Ferrant Jr., (right) Agway's Technical Crops Specialist, has just told this farmer to harvest TDN and not water!

Nick says – "Would you throw away 25% of the feeding value of an acre of corn silage? No? Well, that's exactly what you are doing when you harvest your silage corn in the milk or soft dough stage. Corn silage will give us more TDN per acre than any other crop, yet many farmers lose this advantage by harvesting only 75% of the potential TDN.

Keep out of that field until the ears are in the dent stage.

If you have more acres planted than you can harvest in the dent stage, it shows that you didn't plan well at planting time. Next year put in 60% of your acreage in your favorite variety, 20% in an earlier, and 20% in a later one. This should allow most of it to be harvested at the correct stage. Our cows need lots of water, but it's cheaper and easier to supply it in the pipeline than in the silage."



CALL TODAY FOR AN AGWAY SALESMAN

G & G Feed & Supply
872 Mt Joy Road
Manheim
665 5001

Henry B. Hoover, Inc.
27 N State St.
Ephrata
733-6593

John E. Melhorn
334 Donegal Spring Rd
Mt Joy
653-4485

Lancaster Store
Manheim Pike and
Dillerville Road
Lancaster
394-0541

New Holland Store
219 S Railroad Ave.
354-2146

M. M. Good & Son
R D #1
Gordonville
768-3781

Mrs. Jacob L. Kurtz
1169 N Market St
Elizabethtown
367-5430

Wilson M. Scott
R D #1
Willow Street
464-3521

Quarryville Store
27 E. 4th St.
786-2126

SHOP AGWAY FOR FULL VALUE — SERVICES and PRODUCTS